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2010

ANNUAL BOOK OF ASTM STANDARDS

SECTION 00
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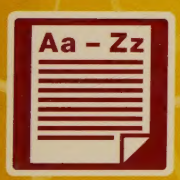

VOLUME 00.01

Subject Index; Alphanumeric List

Revision Issued Annually

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Standards Worldwide

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ANNUAL BOOK OF ASTM STANDARDS

2010

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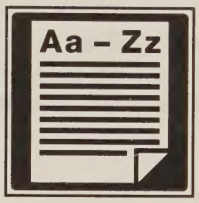

VOLUME **00.01**

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TEL: **610-832-9500** ■ FAX: **610-832-9555** ■ EMAIL: **service@astm.org** ■ WEBSITE: **www.astm.org**

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Foreword

Founded in 1898, ASTM International has grown into a globally recognized leader in the development and delivery of international voluntary consensus standards. Today, over 12,500 ASTM standards are used around the world to improve product quality, enhance safety, facilitate market access and trade, and build consumer confidence.

Through 140 technical standards-writing committees, ASTM serves many diverse industries providing a forum for producers, users, ultimate consumers, and those having a general interest (representatives of government and academia) to meet on common ground and write standards for materials, products, systems, and services. These standards and other related technical information are accepted and used throughout the world.

ASTM International Headquarters has no technical research or testing facilities; leadership in international standards development is driven by the contributions of its members: more than 30,000 of the world's top technical experts and business professionals representing 135 countries. Membership in the Society is open to all concerned with the fields in which ASTM International is active. To join ASTM, visit the website, www.astm.org under *Membership* or contact Member Services and Promotion, ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken PA 19428-2959; tel. 610-832-9535.

2010 Annual Book of ASTM Standards

The 2010 *Annual Book of ASTM Standards* consists of 82 volumes, divided among 16 sections, of which this volume is one. It contains approved ASTM standards and related material. These terms are defined as follows in the *Regulations Governing ASTM Technical Committees:*

Categories:

standard—as used in ASTM, a document that has been developed and established within the consensus principles of the Society and that meets the approval requirements of ASTM procedures and regulations.

standard—as used in ASTM, a descriptive used in titles of test methods, specifications, and other documents to indicate consensus approval in accordance with ASTM procedures and regulations.

Types:

The various types of ASTM documents are to provide a flexibility of form, communication, and usage for both the technical committees and the myriad users of ASTM documents. The type of ASTM document that is developed and titled is based on the technical content and intended use, not on the degree of consensus achieved. ASTM standards can be of the following forms and types:

classification—a systematic arrangement or division of materials, products, systems, or services into groups based on similar characteristics such as origin, composition, properties, or use.

guide—an organized collection of information or series of options that does not recommend a specific course of action.
Discussion—A guide increases the awareness of information and approaches in a given subject area.

practice—a set of instructions for performing one or more specific operations that does not produce a test result.
Discussion—Examples of practices include, but are not limited to: application, assessment, cleaning, collection, decontamination, inspection, installation, preparation, sampling, screening, and training.

specification—an explicit set of requirements to be satisfied by a material, product, system, or service.
Discussion—Examples of specifications include, but are not limited to, requirements for: physical, mechanical, or chemical properties, and safety, quality, or performance criteria. A specification identifies the test methods for

determining whether each of the requirements is satisfied.

terminology—a document composed of terms, definitions of terms, descriptions of terms, nomenclature, and explanations of abbreviations, acronyms, and symbols.

test method—a definitive procedure that produces a test result.

Discussion—Examples of test methods include, but are not limited to: identification, measurement, and evaluation of one or more qualities, characteristics, or properties. A precision and bias statement shall be reported at the end of a test method. (See *Form and Style for ASTM Standards*, Section A21, Precision and Bias.)

A new edition of the *Book of Standards* is published annually because of additions of new standards and significant revisions to existing standards. Approximately 30 % of each volume is new or revised. New and revised standards approved by the Society between the annual editions of any given volume are made available on www.astm.org as separate copies. Users are cautioned to follow the most current issue of a standard, except when a specific edition of a standard is cited, for example, as in a contract.

Development and Use of ASTM Standards

ASTM International believes that technically competent standards result when a full consensus of all concerned parties is achieved and due process procedures are followed. This philosophy and standards development system ensure technically competent standards having the highest credibility when critically examined and used as the basis for commercial, legal, or regulatory actions.

ASTM standards are developed voluntarily and used voluntarily. Standards become legally binding only when a government body references them in regulations, or when they are cited in a contract. Any item that is produced and marked as conforming to an ASTM standard must meet all applicable requirements of that standard.

ASTM standards are used by thousands of individuals, companies, and agencies. Purchasers and sellers incorporate standards into contracts; scientists and engineers use them in laboratories; architects and designers use them in plans; government agencies reference them in codes, regulations, and laws; and many others refer to standards for guidance.

Citing Standards

When citing ASTM standards in other sources, the following format may be used: ASTM Standard C33, "Specification for Concrete Aggregates," ASTM International, West Conshohocken, PA, 2008, DOI: 10.1520/C33–08, www.astm.org. For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

Consideration of Comments on ASTM Standards

An ASTM standard is subject to revision at any time by the responsible technical committee and must be reviewed every five years and if not revised, either reapproved or withdrawn. Your comments are invited either for revision of any standard or for the development of new standards and should be addressed to ASTM International Headquarters. Your comments will receive careful consideration at a meeting of the responsible technical committee, which you may attend. If you feel your comments have not received a fair hearing you should make your views known to the ASTM Committee on Standards, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959.

Using the Annual Book of ASTM Standards

The standards are assembled in each volume in alphanumeric sequence of their ASTM designation numbers. Volumes 05.05, 05.06, and 06.04 are assembled first by committee, then in alphanumeric sequence. Each volume has a table of contents, listing the standards in alphanumeric sequence by ASTM designation; and a list by subjects, categorizing the standards according to subject. A subject index of the standards in each volume appears at the back of each volume.

Availability of Individual Standards

Each ASTM standard is available as a separate copy from ASTM International. Standards can be downloaded or ordered directly from the ASTM website at www.astm.org. Standards can also be ordered from Customer Services at 610-832-9585, Monday through Friday, 8:30 AM to 4:30 PM Eastern Standard Time.

Withdrawn standards shall be listed in the contents of the pertinent volumes of the *Annual Book of ASTM Standards* for three years. A single page for each standard will appear in those volumes providing the title, scope information, former committee jurisdiction, reason for withdrawal, any replacement, and the date of withdrawal. Standards that have been withdrawn may be separately available from the ASTM web site.

Caveat Statements and Policies in Standards

ASTM caveat statements on Safety Hazards and Fire Hazards are required to appear in standards where appropriate. They are located in the scope section of applicable standards. The caveats on General Statement of ASTM Policy and Patents are contained in all standards and located at the end of each standard. For more information on the caveats see Section F2 of the *Form and Style for ASTM Standards.*

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Preface

The Combined Subject Index references only those standards published in each volume of the *2010 Annual Book of ASTM Standards*. New and revised standards approved after the closing dates for the volumes are available as separate reprints and will be listed in next year's index.

HOW TO USE THE SUBJECT INDEX

A. General Information

Main subject terms and index headings are taken directly from titles, scopes, and terminology and significance sections, as well as referencing materials, applications, and other information written into each document.

A delta (Δ) preceding the ASTM designation indicates that adjunct material for the standard is available separately from ASTM Headquarters; the adjunct number is given in the standard.

B. Main Subject Headings

The Combined Subject Index has been restructured to reflect unitary and collective subject headings. The following are examples of unitary headings:

Gas chromatography
Gas chromatography (atmospheric analysis)
Sports equipment
Sports equipment—alpine skis

While most of the subject headings reflect divergent terminology in ASTM standards, there is a series of collective headings to display similar materials, properties, or tests. Following is a sample of these headings:

Gas chromatography—chemicals
Gas chromatography—atmospheric analysis
Gas chromatography—detergents
Gas chromatography—forensic sciences

Another method for organizing information about metals and alloys, in addition to specific metal/alloy headings, is through the *Unified Numbering System for Metals and Alloys* (UNS). The Subject Index offers retrieval capability for the following metals and alloys:

UNS A series–Aluminum
UNS C series–Copper
UNS K series–Miscellaneous Steels and Ferrous Alloys
UNS L series–Lead
UNS M series–Magnesium
UNS N series–Nickel
UNS P series–Precious Metals and Alloys
UNS R series–Reactive and Refractory Metals/Alloys
UNS S series–Heat and Corrosion Resistant Steels
UNS W series–Welding Filler Metals
UNS Z series–Zinc

C. ASTM Designations

There are four types of ASTM designations connected to titles:
Inch-Pound Standards
SI Standards
Combined Standards
Provisional Standards

D. Subject Index Titles

In the Subject Index, alphanumeric titles have been rearranged into two parts: (*1*) subject title followed by (*2*) document type:

Steel Castings, Carbon, for General Application, Specification for, **A 27/A 27M (01.02)**

Accountability and Quality Control in the Chemical Analysis Laboratory, Guide for, **E 882 (03.06)**

Free–Cutting Copper Rod and Bar, Specification for, **B 301 (02.01)**

Free–Cutting Copper Rod and Bar [Metric], Specification for, **B 301M (02.01)**

Materials for Roads and Pavements, Terminology Relating to, **D 8 (04.03)**

Sampling and Testing Lac Resins, Test Methods for, **D 29 (06.03)**

Portable Escape Ladder for Residential Use, Provisional Specification for, **PS 117 (15.07)**

E. Alphabetization

Alphabetization for both headings and entries is letter-by-letter:
Construction materials
Construction materials—structural sandwich
Consumer products
Consumer safety specifications
Consumer safety specifications—bathrooms

F. Cross–References

In cross-referencing standards, the term "*See*" guides users from inverted, less familiar, or associated terms to preferred headings:

Antifreezes (engine)
See **Engine coolants**

Prussian blue
See **Pigments—iron blue**

See references are essential also in guiding users from specific terms to collective subject headings:

Atomic emission spectroscopy
See **Spectroscopy—atomic emission**

Disposable pipets
See **Laboratory apparatus—pipets**

A second type of cross-reference is the *Sa (See also)* reference, listing related subject headings:

Alloys
Sa **Chromium alloys/Copper alloys**

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N08332) Plate, Sheet, and Strip, Specification for, **B536 (02.04)**
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Nickel-iron-chromium-molybdenum-columbium alloys—specifications
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Nickel-iron-chromium-molybdenum-copper alloys—specifications
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Minimum Training Requirements for Examiners Conducting Psychophysiological Detection of Deception (PDD) Testing of Sex Offenders in Treatment, Probation or Other Similar Programs, Guide for, **E2163 (14.02)**

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NS A02010 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
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NS A02012 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
NS A02040 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**
NS A02042 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
NS A02080 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**
NS A02081 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
NS A02082 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
NS A02130 (Aluminum foundry alloy)
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
UNS A02220 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
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UNS A02221 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A02381 (Aluminum foundry alloy, ingot)
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UNS A02382 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A02420 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
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UNS A02421 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A02422 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A02950 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**
UNS A02951 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A02952 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A03190 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
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UNS A03191 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A03192 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A03280 (Aluminum foundry alloy, castings)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**
UNS A03281 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A03320 (Aluminum foundry alloy, casting)
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
UNS A03330 (Aluminum foundry alloy, casting)
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
UNS A03331 (Aluminum foundry alloy, ingot)
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UNS A03360 (Aluminum foundry alloy, casting)
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
UNS A03540 (Aluminum foundry alloy, casting)
Aluminum Alloy Castings, High-Strength, Specification for, **B686/B686M (02.02)**
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
UNS A03541 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A03550 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**
UNS A03551 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A03552 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A03560 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**
UNS A03561 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A03562 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A03590 (Aluminum foundry alloy, casting)
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
UNS A03592 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A03600 (Aluminum foundry alloy, casting)
Aluminum-Alloy Die Castings, Specification for, **B85/B85M (02.02)**
UNS A03800 (Aluminum foundry alloy, casting)
Aluminum-Alloy Die Castings, Specification for, **B85/B85M (02.02)**
UNS A03830 (Aluminum foundry alloy, casting)
Aluminum-Alloy Die Castings, Specification for, **B85/B85M (02.02)**
UNS A03840 (Aluminum foundry alloy, casting)
Aluminum-Alloy Die Castings, Specification for, **B85/B85M (02.02)**
UNS A03900 (Aluminum foundry alloy, casting)
Aluminum-Alloy Die Castings, Specification for, **B85/B85M (02.02)**
UNS A03920 (Aluminum foundry alloy, casting)
Aluminum-Alloy Die Castings, Specification for, **B85/B85M (02.02)**
UNS A04130 (Aluminum foundry alloy, casting)
Aluminum-Alloy Die Castings, Specification for, **B85/B85M (02.02)**
UNS A04430 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**
UNS A04431 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A04432 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A05120 (Aluminum foundry alloy, casting)
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**
UNS A05130 (Aluminum foundry alloy, casting)
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
UNS A05140 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**
UNS A05141 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A05180 (Aluminum foundry alloy, casting)
Aluminum-Alloy Die Castings, Specification for, **B85/B85M (02.02)**
UNS A05200 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**
UNS A05202 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A05350 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**
UNS A05352 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A07050 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**
UNS A07051 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A07070 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**
UNS A07071 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**
UNS A07100 (Aluminum foundry alloy, casting)
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**
UNS A07110 (Aluminum foundry alloy, casting)
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**

NS A07120 (Aluminum foundry alloy, casting)
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

NS A07130 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

NS A07131 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

NS A07710 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

NS A07712 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

NS A08500 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

NS A08501 (Aluminum foundry alloy, ingot)
Aluminum Alloy Castings, High-Strength, Specification for, **B686/B686M (02.02)**

NS A08510 (Aluminum foundry alloy, casting)
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

NS A08520 (Aluminum foundry alloy, casting)
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

NS A12010 (Aluminum foundry alloy, casting)
Aluminum Alloy Castings, High-Strength, Specification for, **B686/B686M (02.02)**

NS A12420 (Aluminum foundry alloy, casting)
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

NS A12421 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

NS A12422 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

NS A13321 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

NS A13322 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

NS A13560 (Aluminum foundry alloy, casting)
Aluminum Alloy Castings, High-Strength, Specification for, **B686/B686M (02.02)**
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

UNS A13562 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A13570 (Aluminum foundry alloy, casting)
Aluminum Alloy Castings, High-Strength, Specification for, **B686/B686M (02.02)**
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**

UNS A13600 (Aluminum foundry alloy, casting)
Aluminum-Alloy Die Castings, Specification for, **B85/B85M (02.02)**

UNS A13800 (Aluminum foundry alloy, casting)
Aluminum-Alloy Die Castings, Specification for, **B85/B85M (02.02)**

UNS A14130 (Aluminum foundry alloy, casting)
Aluminum-Alloy Die Castings, Specification for, **B85/B85M (02.02)**

UNS A14430 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

UNS A14431 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A14440 (Aluminum foundry alloy, casting)
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**

UNS A14442 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A15142 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A17120 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**

UNS A17121 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A18500 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

UNS A18501 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A23900 (Aluminum foundry alloy, casting)
Aluminum-Alloy Die Castings, Specification for, **B85/B85M (02.02)**

UNS A24430 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

UNS A24431 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A25140 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**

UNS A25142 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A28500 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**

UNS A28501 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A33550 (Aluminum foundry alloy, casting)
Aluminum Alloy Castings, High-Strength, Specification for, **B686/B686M (02.02)**
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

UNS A33552 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A34430 (Aluminum foundry alloy, casting)
Aluminum-Alloy Die Castings, Specification for, **B85/B85M (02.02)**

UNS A37121 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A47120 (Aluminum foundry alloy, casting)
Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**
Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

UNS A47122 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A63321 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A63322 (Aluminum foundry alloy, ingot)
Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A91050 (Wr. alum. alloy, non-heat treatable)
Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**
Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**

UNS A91060 (Wr. alum. alloy)
Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A91060 (Wr. alum. alloy)—pipe/tube
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A91060 (Wr. alum. alloy)—tube
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for, **B234 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers [Metric], Specification for, **B234M (02.02)**
Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**

UNS A91100 (Wr. alum. alloy)
Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**
Conducting Wire-on-Bolt Test for Atmospheric Galvanic Corrosion, Practice for, **G116 (03.02)**

UNS A91100 (Wr. alum. alloy)—tube
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**
Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**
Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**
Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**
Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**
Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**

UNS A91145 (Wr. alum. alloy, non-heat treatable)
Aluminum Foil for Capacitors, Specification for, **B373 (02.02)**

UNS A91200 (Wr. alum. alloy, non-heat treatable)
Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**
Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**

UNS A91230 (Wr. alum. alloy, non-heat treatable)
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A91235 (Wr. alum. alloy, non-heat treatable)
Aluminum Foil for Capacitors, Specification for, **B373 (02.02)**
Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**
Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**

UNS A91350 (Wr. alum. alloy)
Aluminum 1350 Drawing Stock for Electrical Purposes, Specification for, **B233 (02.03)**

Aluminum Bars for Electrical Purposes (Bus Bars), Specification for, **B236 (02.02)**
Aluminum Bars for Electrical Purposes (Bus Bars) [Metric], Specification for, **B236M (02.02)**

NS A91350 (Wr. alum. alloy)—wire (electrical)
Aluminum 1350 Round Wire, Annealed and Intermediate Tempers, for Electrical Purposes, Specification for, **B609/B609M (02.03)**
Aluminum 1350–H19 Wire for Electrical Purposes, Specification for, **B230/B230M (02.03)**
Aluminum Rectangular and Square Wire for Electrical Purposes, Specification for, **B324 (02.03)**
Compact Round Concentric-Lay-Stranded Aluminum Conductors, Steel-Reinforced (ACSR/COMP), Specification for, **B401 (02.03)**
Concentric-Lay-Stranded Aluminum 1350 Conductors, Specification for, **B231/B231M (02.03)**
Concentric-Lay-Stranded Aluminum Conductors, Aluminum-Alloy Reinforced (ACAR, 1350/6201), Specification for, **B524/B524M (02.03)**
Concentric-Lay-Stranded Aluminum Conductors, Aluminum-Clad Steel Reinforced (ACSR/AW), Specification for, **B549 (02.03)**
Concentric-Lay-Stranded Aluminum Conductors, Coated-Steel Reinforced (ACSR), Specification for, **B232/B232M (02.03)**
High-Strength Zinc-Coated (Galvanized) Steel Core Wire for Aluminum and Aluminum-Alloy Conductors, Steel Reinforced, Specification for, **B606 (02.03)**

NS A91435 (Wr. alum. alloy, non-heat treatable)
Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**

NS A92011 (Wr. alum. alloy, non-heat treatable)
Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**

NS A92014 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

NS A92017 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**

UNS A92018 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

UNS A92024 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A92025 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

UNS A92117 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**

UNS A92124 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A92218 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

UNS A92219 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A92618 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

UNS A93003 (Wr. alum. alloy)
Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**
Aluminum-Alloy Rolled Tread Plate, Specification for, **B632/B632M (02.02)**
Conducting Cyclic Galvanostaircase Polarization, Test Method for, **G100 (03.02)**

UNS A93003 (Wr. alum. alloy)—pipe/tube
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A93003 (Wr. alum. alloy)—tube
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for, **B234 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers [Metric], Specification for, **B234M (02.02)**
Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**
Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**
Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**
Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**
Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**
Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**

UNS A93004 (Wr. alum. alloy)
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A93004 (Wr. alum. alloy)—tube
Aluminum and Aluminum-Alloy Formed and Arc-Welded Roun
Tube, Specification for, **B547/B547M (02.02)**
Aluminum and Aluminum-Alloy Round Welded Tubes, Specific
tion for, **B313/B313M (02.02)**
Green Strength of Specimens Compacted from Metal Powders,
Test Method for, **B312 (02.05)**

UNS A93005 (Wr. alum. alloy, non-heat treatable)
Aluminum and Aluminum-Alloy Sheet and Plate, Specification
for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Spec
fication for, **B209M (02.02)**

UNS A93102 (Wr. alum. alloy)
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Pr
files, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Pr
files, and Tubes [Metric], Specification for, **B221M (02.02**

UNS A93102 (Wr. alum. alloy)—tube
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specif
cation for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metri
Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**
Micrometer Bend Test for Ductility of Electrodeposits, Practice
for, **B490 (02.05)**

UNS A93105 (Wr. alum. alloy, non-heat treatable)
Aluminum and Aluminum-Alloy Sheet and Plate, Specification
for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Spec
fication for, **B209M (02.02)**

UNS A93303 (Wr. alum. alloy, non-heat treatable)
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specif
cation for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metri
Specification for, **B210M (02.02)**

UNS A94032 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings,
and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings,
and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

UNS A95005 (Wr. alum. alloy)
Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire
and Rods, Specification for, **B316/B316M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification
for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Spec
fication for, **B209M (02.02)**

UNS A95005 (Wr. alum. alloy)—tube
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specif
cation for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metri
Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Drawn Tube and Pipe for Gen
eral Purpose Applications, Specification for, **B483/B483M (02.02)**

UNS A95050 (Wr. alum. alloy)
Aluminum and Aluminum-Alloy Sheet and Plate, Specification
for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Spec
fication for, **B209M (02.02)**

UNS A95050 (Wr. alum. alloy)—tube
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specif
cation for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metri
Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Drawn Tube and Pipe for Gen
eral Purpose Applications, Specification for, **B483/B483M (02.02)**

Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**
Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**
Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**

NS A95052 (Wr. alum. alloy)
Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

NS A95052 (Wr. alum. alloy)—tube
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for, **B234 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers [Metric], Specification for, **B234M (02.02)**
Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**
Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**
Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**
Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**

NS A95056 (Wr. alum. alloy, non-heat treatable)
Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**

NS A95083 (Wr. alum. alloy)
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

NS A95083 (Wr. alum. alloy)—pipe/tube
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A95083 (Wr. alum. alloy)—tube
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**

UNS A95086 (Wr. alum. alloy)
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A95086 (Wr. alum. alloy)—pipe/tube
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A95086 (Wr. alum. alloy)—tube
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**
Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**
Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**

UNS A95154 (Wr. alum. alloy)
Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A95154 (Wr. alum. alloy)—tube
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**
Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**
Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**

UNS A95252 (Wr. alum. alloy, non-heat treatable)
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A95254 (Wr. alum. alloy)
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A95454 (Wr. alum. alloy)
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A95454 (Wr. alum. alloy)—tube
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for, **B234 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers [Metric], Specification for, **B234M (02.02)**
- Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**

UNS A95456 (Wr. alum. alloy, non-heat treatable)
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A95457 (Wr. alum. alloy, non-heat treatable)
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A95652 (Wr. alum. alloy, non-heat treatable)
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A95657 (Wr. alum. alloy, non-heat treatable)
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A96003 (Wr. alum. alloy, cladding)
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A96005 (Wr. alum. alloy, heat treatable)
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

UNS A96053 (Wr. alum. alloy, heat treatable)
- Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**

UNS A96061 (Wr. alum. alloy)
- Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
- Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
- Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**
- Aluminum-Alloy 6061-T6 Standard Structural Profiles, Specification for, **B308/B308M (02.02)**
- Aluminum-Alloy Extruded Structural Pipe and Tube, Specification for, **B429/B429M (02.02)**
- Aluminum-Alloy Rolled Tread Plate, Specification for, **B632/B632M (02.02)**
- Copper Drainage Tube (DWV), Specification for, **B306 (02.01)**
- Silver-Tungsten Electrical Contact Materials, Specification for, **B631 (02.04)**

UNS A96061 (Wr. alum. alloy)—pipe/tube
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A96061 (Wr. alum. alloy)—tube
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric] Specification for, **B210M (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for, **B234 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers [Metric], Specification for, **B234M (02.02)**
- Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**
- Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**
- Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**
- Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**

UNS A96061 (Wr. alum. alloy)—wire (electrical)
- Aluminum-Alloy 6201-T81 Wire for Electrical Purposes, Specification for, **B398/B398M (02.03)**
- Concentric-Lay-Stranded Aluminum-Alloy 6201-T81 Conductor Specification for, **B399/B399M (02.03)**

UNS A96063 (Wr. alum. alloy)
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

UNS A96063 (Wr. alum. alloy)—pipe/tube
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**
- Aluminum-Alloy Extruded Structural Pipe and Tube, Specification for, **B429/B429M (02.02)**

NS A96063 (Wr. alum. alloy)—tube
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**
Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**
Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**

NS A96066 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

NS A96070 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

NS A96105 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

NS A96151 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

NS A96201 (Wr. alum. alloy, heat treatable)
Concentric-Lay-Stranded Aluminum Conductors, Aluminum-Alloy Reinforced (ACAR, 1350/6201), Specification for, **B524/B524M (02.03)**

NS A96253 (Wr. alum. alloy, cladding)
Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**

NS A96262 (Wr. alum. alloy)
Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

NS A96262 (Wr. alum. alloy)—tube
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**

NS A96351 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A96463 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

UNS A97005 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

UNS A97008 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A97011 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A97049 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

UNS A97050 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

UNS A97072 (Wr. alum. alloy)
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A97072 (Wr. alum. alloy)—pipe/tube
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A97072 (Wr. alum. alloy)—tube
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for, **B234 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers [Metric], Specification for, **B234M (02.02)**
Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**
Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**
Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**

UNS A97075 (Wr. alum. alloy, heat treatable)
Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**

UNS A97075 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A97076 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

UNS A97175 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

UNS A97178 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A98017 (Wr. alum alloy, non-heat treatable)

8000 Series Aluminum Alloy Wire for Electrical Purposes—Annealed and Intermediate Tempers, Specification for, **B800 (02.03)**

UNS A98030 (Wr. alum alloy, non-heat treatable)

8000 Series Aluminum Alloy Wire for Electrical Purposes—Annealed and Intermediate Tempers, Specification for, **B800 (02.03)**

UNS A98076 (Wr. alum alloy, non-heat treatable)

8000 Series Aluminum Alloy Wire for Electrical Purposes—Annealed and Intermediate Tempers, Specification for, **B800 (02.03)**

UNS A98130 (Wr. alum alloy, non-heat treatable)

8000 Series Aluminum Alloy Wire for Electrical Purposes—Annealed and Intermediate Tempers, Specification for, **B800 (02.03)**

UNS A98176 (Wr. alum alloy, non-heat treatable)

8000 Series Aluminum Alloy Wire for Electrical Purposes—Annealed and Intermediate Tempers, Specification for, **B800 (02.03)**

UNS A98177 (Wr. alum alloy, non-heat treatable)

8000 Series Aluminum Alloy Wire for Electrical Purposes—Annealed and Intermediate Tempers, Specification for, **B800 (02.03)**

UNS C10100 (oxygen-free copper)

Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
Copper Rod Drawing Stock for Electrical Purposes, Specificatio for, **B49 (02.01)**
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
Oxygen-Free Copper in Wrought Forms for Electron Devices, Specification for, **F68 (02.01)**
Oxygen-Free Electrolytic Copper—Refinery Shapes, Specificatio for, **B170 (02.01)**

UNS C10100 (oxygen-free copper)—pipe/tube

Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
Seamless Copper Tube, Specification for, **B75 (02.01)**
Seamless Copper Tube [Metric], Specification for, **B75M (02.0**
Welded Copper Tube, Specification for, **B447 (02.01)**

UNS C10100 (oxygen-free copper)—tube (for condensers/he exchangers

Copper and Copper-Alloy Seamless Condenser Tubes and Ferru Stock, Specification for, **B111/B111M (02.01)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
Welded Copper Tube for Air Conditioning and Refrigeration Se vice, Specification for, **B640 (02.01)**

UNS C10200 (oxygen-free copper (OF))

Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
Copper Rod Drawing Stock for Electrical Purposes, Specificatio for, **B49 (02.01)**
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
Oxygen-Free Electrolytic Copper—Refinery Shapes, Specificatio for, **B170 (02.01)**
Seamless Copper Tube for Air Conditioning and Refrigeration Field Service, Specification for, **B280 (02.01)**
Seamless Copper Water Tube, Specification for, **B88 (02.01)**
Seamless Copper Water Tube [Metric], Specification for, **B88M (02.01)**
Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**
Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, Specification for, **B372 (02.01)**
Welded Copper Heat Exchanger Tubes With Internal Enhancement, Specification for, **B919 (02.01)**

UNS C10200—pipe/tube (seamless/welded)

Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
Seamless Copper Pipe, Standard Sizes, Specification for, **B42 (02.01)**
Seamless Copper Tube, Specification for, **B75 (02.01)**
Seamless Copper Tube [Metric], Specification for, **B75M (02.0**
Seamless Copper Tube in Coils, Specification for, **B743 (02.01**
Seamless Copper Tube, Bright Annealed, Specification for, **B68 (02.01)**
Seamless Copper Tube, Bright Annealed [Metric], Specification for, **B68M (02.01)**
Seamless Copper and Copper Alloy Plumbing Pipe and Tube,

Classification for, **B698 (02.01)**
Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, Specification for, **B372 (02.01)**
Welded Copper Tube, Specification for, **B447 (02.01)**
NS C10200—tube (for condensers/heat exchangers)
Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
Welded Copper Tube for Air Conditioning and Refrigeration Service, Specification for, **B640 (02.01)**
NS C10300 (oxygen-free extra low phosphorus copper (OFXLP))
Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
Phosphorized Coppers—Refinery Shapes, Specification for, **B379 (02.01)**
Seamless Copper Tube in Coils, Specification for, **B743 (02.01)**
NS C10300—pipe/tube (seamless/welded)
Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
Seamless Copper Pipe, Standard Sizes, Specification for, **B42 (02.01)**
Seamless Copper Tube, Specification for, **B75 (02.01)**
Seamless Copper Tube [Metric], Specification for, **B75M (02.01)**
Seamless Copper Tube in Coils, Specification for, **B743 (02.01)**
Seamless Copper Tube, Bright Annealed, Specification for, **B68 (02.01)**
Seamless Copper Tube, Bright Annealed [Metric], Specification for, **B68M (02.01)**
Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**
Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, Specification for, **B372 (02.01)**
Threadless Copper Pipe, Standard Sizes, Specification for, **B302 (02.01)**
Welded Copper Tube, Specification for, **B447 (02.01)**
NS C10300—tube (for condensers/heat exchangers)
Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
NS C10400 (oxygen-free copper with silver, OFS)
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
Oxygen-Free Electrolytic Copper—Refinery Shapes, Specification for, **B170 (02.01)**
Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
NS C10500 (oxygen-free copper with silver, OFS)
Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
Oxygen-Free Electrolytic Copper—Refinery Shapes, Specification for, **B170 (02.01)**
Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
UNS C10700 (oxygen-free copper with silver, OFS)
Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
Oxygen-Free Electrolytic Copper—Refinery Shapes, Specification for, **B170 (02.01)**
Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
UNS C10800 (oxygen-free low phosphorus copper (OFLP))
Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
Phosphorized Coppers—Refinery Shapes, Specification for, **B379 (02.01)**
UNS C10800—pipe/tube (seamless/welded)
Hard-Drawn Copper Capillary Tube for Restrictor Applications, Specification for, **B360 (02.01)**
Seamless Copper Pipe, Standard Sizes, Specification for, **B42 (02.01)**
Seamless Copper Tube, Specification for, **B75 (02.01)**
Seamless Copper Tube [Metric], Specification for, **B75M (02.01)**
Seamless Copper Tube in Coils, Specification for, **B743 (02.01)**
Seamless Copper Tube, Bright Annealed, Specification for, **B68 (02.01)**
Seamless Copper Tube, Bright Annealed [Metric], Specification for, **B68M (02.01)**
Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**
Threadless Copper Pipe, Standard Sizes, Specification for, **B302 (02.01)**
Welded Copper Tube, Specification for, **B447 (02.01)**
UNS C10800—tube (for condensers/heat exchangers)
Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**
UNS C10910 (copper (controlled oxygen))
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
UNS C10920 (controlled oxygen)
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
UNS C10930 (controlled oxygen)
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**

UNS C10940 (controlled oxygen)
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
UNS C11000 (electrolytic tough pitch coper (ETP))
Conducting Wire-on-Bolt Test for Atmospheric Galvanic Corrosion, Practice for, **G116 (03.02)**
Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
Welded Copper Tube, Specification for, **B447 (02.01)**
UNS C11000—rod/bar/shapes
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
UNS C11300 (silver-bearing tough pitch, STP)
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
UNS C11400 (silver-bearing tough pitch, STP)
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
UNS C11500 (tough pitch copper with silver (STP))
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Coppers, Classification of, **B224 (02.01)**
High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
UNS C11600 (silver-bearing tough pitch, STP)
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
UNS C12000 (phosphorus deoxidized, low residual phosphor copper (DLP))
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Ti Alloy Sheet and Strip, Specification for, **B422 (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
Phosphorized Coppers—Refinery Shapes, Specification for, **B379 (02.01)**
Seamless Copper Tube for Air Conditioning and Refrigeration Field Service, Specification for, **B280 (02.01)**
Seamless Copper Water Tube, Specification for, **B88 (02.01)**
Seamless Copper Water Tube [Metric], Specification for, **B88M (02.01)**
Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**
UNS C12000—pipe/tube (seamless/welded)
Hard-Drawn Copper Capillary Tube for Restrictor Applications, Specification for, **B360 (02.01)**
Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
Seamless Copper Pipe, Standard Sizes, Specification for, **B42 (02.01)**
Seamless Copper Tube, Specification for, **B75 (02.01)**
Seamless Copper Tube [Metric], Specification for, **B75M (02.0**
Seamless Copper Tube in Coils, Specification for, **B743 (02.01)**
Seamless Copper Tube, Bright Annealed, Specification for, **B68 (02.01)**
Seamless Copper Tube, Bright Annealed [Metric], Specification for, **B68M (02.01)**
Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**
Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, Specification for, **B372 (02.01)**
Threadless Copper Pipe, Standard Sizes, Specification for, **B302 (02.01)**
Welded Copper Tube, Specification for, **B447 (02.01)**
UNS C12000—tube (for condensers/heat exchangers)
Copper and Copper-Alloy Seamless Condenser Tubes and Ferru Stock, Specification for, **B111/B111M (02.01)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
U-Bend Seamless Copper and Copper Alloy Heat Exchanger an Condenser Tubes, Specification for, **B395/B395M (02.01)**
Welded Copper Tube for Air Conditioning and Refrigeration Se vice, Specification for, **B640 (02.01)**
UNS C12200 (phosphorus deoxidized, high residual phosphor copper (DHP))
Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
Seamless Copper Heat Exchanger Tubes With Internal Enhancement, Specification for, **B903 (02.01)**
Seamless Copper Tube for Medical Gas Systems, Specification for, **B819 (02.01)**
Welded Copper Heat Exchanger Tubes With Internal Enhance-

ment, Specification for, **B919 (02.01)**
Welded Copper Tube for Air Conditioning and Refrigeration Service, Specification for, **B640 (02.01)**
Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**
Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

NS C12200—pipe/tube (seamless/welded)
Copper Drainage Tube (DWV), Specification for, **B306 (02.01)**
Hard-Drawn Copper Capillary Tube for Restrictor Applications, Specification for, **B360 (02.01)**
Seamless Copper Pipe, Standard Sizes, Specification for, **B42 (02.01)**
Seamless Copper Tube, Specification for, **B75 (02.01)**
Seamless Copper Tube [Metric], Specification for, **B75M (02.01)**
Seamless Copper Tube for Air Conditioning and Refrigeration Field Service, Specification for, **B280 (02.01)**
Seamless Copper Tube for Natural Gas and Liquified Petroleum (LP) Gas Fuel Distribution Systems, Specification for, **B837 (02.01)**
Seamless Copper Tube in Coils, Specification for, **B743 (02.01)**
Seamless Copper Tube, Bright Annealed, Specification for, **B68 (02.01)**
Seamless Copper Tube, Bright Annealed [Metric], Specification for, **B68M (02.01)**
Seamless Copper Water Tube, Specification for, **B88 (02.01)**
Seamless Copper Water Tube [Metric], Specification for, **B88M (02.01)**
Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**
Threadless Copper Pipe, Standard Sizes, Specification for, **B302 (02.01)**
Welded Copper Tube, Specification for, **B447 (02.01)**

NS C12200—refinery shapes
High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
Phosphorized Coppers—Refinery Shapes, Specification for, **B379 (02.01)**

NS C12200—tube
Seamless Copper Tube for Natural Gas and Liquified Petroleum (LP) Gas Fuel Distribution Systems, Specification for, **B837 (02.01)**

NS C12200—tube (for condensers/heat exchangers)
Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
Welded Copper Tube for Air Conditioning and Refrigeration Service, Specification for, **B640 (02.01)**
Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

NS C12300 (silver-bearing, high residual phosphorus copper)
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**

NS C12500 (fire-refined tough pitch copper, FRTP)
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
Tough-Pitch Fire-Refined Copper—Refinery Shapes, Specification for, **B216 (02.01)**

UNS C12700 (fire-refined tough pitch copper with silver, FRSTP)
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**

UNS C12800 (fire-refined tough pitch copper with silver, FRSTP)
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**

UNS C13000 (fire-refined tough pitch copper with silver, FRSTP)
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**

UNS C14200 (phosphorus deoxidized copper, arsenical (DPA))
Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
Tough-Pitch Fire-Refined Copper—Refinery Shapes, Specification for, **B216 (02.01)**
Welded Copper Tube, Specification for, **B447 (02.01)**

UNS C14200—refinery shapes
High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
Phosphorized Coppers—Refinery Shapes, Specification for, **B379 (02.01)**

UNS C14200—tube (for condensers/heat exchangers)
Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

UNS C14420 (copper-tellurium-tin alloy)
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**

UNS C14500 (phosphorus deoxidized copper, tellurium bearing)
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
Free-Cutting Copper Rod, Bar, Wire, and Shapes, Specification for, **B301/B301M (02.01)**
High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
Tough-Pitch Fire-Refined Copper—Refinery Shapes, Specification for, **B216 (02.01)**

UNS C14510 (copper-tellurium alloy)
Free-Cutting Copper Rod, Bar, Wire, and Shapes, Specification for, **B301/B301M (02.01)**

UNS C14520 (copper-tellurium)
Coppers, Classification of, **B224 (02.01)**
Free-Cutting Copper Rod, Bar, Wire, and Shapes, Specification for, **B301/B301M (02.01)**

UNS C14530 (copper-tellurium alloy)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**

UNS C14700 (sulfur-bearing copper)
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
Free-Cutting Copper Rod, Bar, Wire, and Shapes, Specification for, **B301/B301M (02.01)**

UNS C15100 (copper-zirconium alloy)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Zirconium Alloy Sheet and Strip, Specification for, **B747 (02.01)**

UNS C15500 (silver-bearing copper)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

UNS C17000 (beryllium copper)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Beryllium Alloy (UNS Nos. C17000 and C17200) Forgings and Extrusions, Specification for, **B570 (02.01)**
Copper-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B194 (02.01)**
Copper-Beryllium Alloy Rod and Bar, Specification for, **B196/B196M (02.01)**

UNS C17200 (beryllium copper)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Beryllium Alloy (UNS Nos. C17000 and C17200) Forgings and Extrusions, Specification for, **B570 (02.01)**
Copper-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B194 (02.01)**
Copper-Beryllium Alloy Rod and Bar, Specification for, **B196/B196M (02.01)**
Copper-Beryllium Alloy Seamless Tube, Specification for, **B643 (02.01)**
Copper-Beryllium Alloy Wire, Specification for, **B197/B197M (02.01)**

UNS C17300 (beryllium copper)
Copper-Beryllium Alloy Rod and Bar, Specification for, **B196/B196M (02.01)**
Copper-Beryllium Alloy Wire, Specification for, **B197/B197M (02.01)**

UNS C17410 (copper-beryllium alloy)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Strip and Sheet, Specification for, **B768 (02.01)**

UNS C17450 (copper-beryllium alloy)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Strip and Sheet, Specification for, **B768 (02.01)**

UNS C17460 (copper-beryllium alloy)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Strip and Sheet, Specification for, **B768 (02.01)**

UNS C17500 (beryllium copper)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Beryllium Alloy Forgings and Extrusions (UNS Nos. C17500 and C17510), Specification for, **B938 (02.01)**
Copper-Beryllium Alloy Forgings and Extrusions Alloys (UNS Nos. C17500 and C17510), Specification for, **B870 (02.01)**
Copper-Beryllium Seamless Tube (UNS Nos. C17500 and C17510), Specification for, **B937 (02.01)**
Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B534 (02.01)**
Copper-Cobalt-Beryllium and Copper-Nickel-Beryllium Rod and Bar (UNS Nos. C17500 and C17510), Specification for, **B441 (02.01)**

UNS C17510 (beryllium copper)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Beryllium Alloy Forgings and Extrusions (UNS Nos. C17500 and C17510), Specification for, **B938 (02.01)**
Copper-Beryllium Alloy Forgings and Extrusions Alloys (UNS Nos. C17500 and C17510), Specification for, **B870 (02.01)**
Copper-Beryllium Seamless Tube (UNS Nos. C17500 and C17510), Specification for, **B937 (02.01)**
Copper-Beryllium Welded Heat Exchanger and Condenser Tube (UNS No. C17510), Specification for, **B944 (02.01)**
Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B534 (02.01)**
Copper-Cobalt-Beryllium and Copper-Nickel-Beryllium Rod and Bar (UNS Nos. C17500 and C17510), Specification for, **B441 (02.01)**

UNS C18700 (leaded copper)
Free-Cutting Copper Rod, Bar, Wire, and Shapes, Specification for, **B301/B301M (02.01)**

UNS C19025 (high copper alloy, NB109)
Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Ti Alloy Sheet and Strip, Specification for, **B422 (02.01)**

UNS C19200—tube (seamless) for condensers/heat exchangers
Copper and Copper-Alloy Seamless Condenser Tubes and Ferru Stock, Specification for, **B111/B111M (02.01)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
U-Bend Seamless Copper and Copper Alloy Heat Exchanger an Condenser Tubes, Specification for, **B395/B395M (02.01)**

UNS C19200 (high copper alloy)
Copper-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B465 (02.01)**
Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

UNS C19400—tube (welded)
Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

UNS C19400 (high copper alloy)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**
Copper-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B465 (02.01)**

UNS C19500 (high copper alloy)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B465 (02.01)**

UNS C19700 (copper alloy)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B465 (02.01)**

UNS C21000 (brass, gilding 95%)
Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**
Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**
Brass Wire, Specification for, **B134/B134M (02.01)**
Welded Brass Tube, Specification for, **B587 (02.01)**

UNS C22000 (commercial bronze, 80%)
Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**
Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**
Brass Wire, Specification for, **B134/B134M (02.01)**
Commercial Bronze Strip for Bullet Jackets, Specification for, **B130 (02.01)**
Copper Alloy Bullet Jacket Cups, Specification for, **B131 (02.0**

Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**

NS C22000—tube (seamless/welded)
Seamless Brass Tube, Specification for, **B135 (02.01)**
Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**
Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, Specification for, **B372 (02.01)**
Welded Brass Tube, Specification for, **B587 (02.01)**

NS C22600 (jewelry bronze)
Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**
Cartridge Brass Sheet, Strip, Plate, Bar, and Disks, Specification for, **B19 (02.01)**

NS C23000 (red brass, 85%)
Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**
Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**
Brass Strip in Narrow Widths and LightSue Gage for Heat-Exchanger Tubing, Specification for, **B569 (02.01)**
Brass Wire, Specification for, **B134/B134M (02.01)**
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

NS C23000—pipe/tube (seamless/welded)
Seamless Brass Tube, Specification for, **B135 (02.01)**
Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**
Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**
Seamless Red Brass Pipe, Standard Sizes, Specification for, **B43 (02.01)**
U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
Welded Brass Tube, Specification for, **B587 (02.01)**
Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

NS C23000—tube (for condensers/heat exchangers)
Brass Strip in Narrow Widths and LightSue Gage for Heat-Exchanger Tubing, Specification for, **B569 (02.01)**
Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

NS C24000 (low brass, 80 %)
Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**
Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**
Brass Wire, Specification for, **B134/B134M (02.01)**

NS C26000 (cartridge brass, 70%)
Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**
Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**
Brass Strip in Narrow Widths and LightSue Gage for Heat-Exchanger Tubing, Specification for, **B569 (02.01)**
Brass Wire, Specification for, **B134/B134M (02.01)**
Cartridge Brass Cartridge Case Cups, Specification for, **B129 (02.01)**
Cartridge Brass Sheet, Strip, Plate, Bar, and Disks, Specification for, **B19 (02.01)**
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

UNS C26000—corrosion by engine coolants
Corrosion Test for Engine Coolants in Glassware, Test Method for, **D1384 (15.05)**
Simulated Service Corrosion Testing of Engine Coolants, Test Method for, **D2570 (15.05)**
Testing Engine Coolants in Car and Light Truck Service, Practice for, **D2847 (15.05)**

UNS C26000—tube
Seamless Brass Tube, Specification for, **B135 (02.01)**
Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**
Welded Brass Tube, Specification for, **B587 (02.01)**

UNS C26130 (arsenic inhibited cartridge brass)
Brass Strip in Narrow Widths and LightSue Gage for Heat-Exchanger Tubing, Specification for, **B569 (02.01)**

UNS C26800 (yellow brass, 66 %)
Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**
Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**
Welded Brass Tube, Specification for, **B587 (02.01)**

UNS C27000 (yellow brass, 65%)
Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**
Brass Wire, Specification for, **B134/B134M (02.01)**
Seamless Brass Tube, Specification for, **B135 (02.01)**
Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**
Welded Brass Tube, Specification for, **B587 (02.01)**

UNS C27200 (brass)
Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**
Seamless Brass Tube, Specification for, **B135 (02.01)**
Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**
Welded Brass Tube, Specification for, **B587 (02.01)**

UNS C27400 (yellow brass, 63 %)
Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**
Brass Wire, Specification for, **B134/B134M (02.01)**
Seamless Brass Tube, Specification for, **B135 (02.01)**
Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**

UNS C28000 (Muntz metal, 60 %)
Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**
Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
Seamless Brass Tube, Specification for, **B135 (02.01)**
Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**

UNS C31400 (hardware bronze; leaded commercial bronze)
Copper-Zinc-Lead (Red Brass or Hardware Bronze) Rod, Bar, and Shapes, Specification for, **B140/B140M (02.01)**

UNS C31600 (hardware bronze; leaded commercial bronze)
Copper-Zinc-Lead (Red Brass or Hardware Bronze) Rod, Bar, and Shapes, Specification for, **B140/B140M (02.01)**

UNS C32000 (hardware bronze; leaded red brass)
Copper-Zinc-Lead (Red Brass or Hardware Bronze) Rod, Bar, and Shapes, Specification for, **B140/B140M (02.01)**

UNS C33000 (low leaded brass)
Seamless Brass Tube, Specification for, **B135 (02.01)**
Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**

UNS C33200 (high leaded brass)
Seamless Brass Tube, Specification for, **B135 (02.01)**
Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**

UNS C33500 (low leaded brass)
Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**
Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**

UNS C34000 (medium leaded brass, 64.5%)
Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**

Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**

UNS C34200 (high leaded brass, 64.5%)
Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**

UNS C34500 (leaded brass)
Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**

UNS C35000 (leaded brass)
Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**
Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**

UNS C35300 (high leaded brass, 62%)
Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**
Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**

UNS C35340 (leaded brass)
Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**

UNS C35600 (extra high leaded brass)
Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**
Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**

UNS C36000 (free-cutting brass)
Free-Cutting Brass Rod, Bar and Shapes for Use in Screw Machines, Specification for, **B16/B16M (02.01)**

UNS C36500 (leaded Muntz metal, uninhibited)
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

UNS C37000 (free-cutting Muntz metal)
Seamless Brass Tube, Specification for, **B135 (02.01)**
Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**

UNS C37700 (forging brass)
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

UNS C38000 (leaded brass)
Copper-Zinc-Lead Alloy (Leaded-Brass) Extruded Shapes, Specification for, **B455 (02.01)**

UNS C38500 (architectural bronze)
Copper-Zinc-Lead Alloy (Leaded-Brass) Extruded Shapes, Specification for, **B455 (02.01)**

UNS C40500 (tin brass)
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**

UNS C40810 (tin brass)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**

UNS C40850 (tin brass)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**

UNS C40860 (tin brass)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**

UNS C41100 (tin brass)
Copper Alloy Strip for Flexible Metal Hose, Specification for, **B508 (02.01)**
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.0**

UNS C41300 (tin brass)
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.0**

UNS C41500 (tin brass)
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.0**

UNS C42200 (tin brass)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.0**

UNS C42500 (tin brass)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.0**

UNS C42520 (tin brass)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.0**

UNS C43000 (tin brass)
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.0**

UNS C43400 (tin brass)
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.0**

UNS C44300 (admiralty, arsenical)
Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
Seamless Brass Tube, Specification for, **B135 (02.01)**
Seamless Brass Tube [Metric], Specification for, **B135M (02.01**
Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

UNS C44300 (admiralty, arsenical)—tube
Copper and Copper-Alloy Seamless Condenser Tubes and Ferrul Stock, Specification for, **B111/B111M (02.01)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

UNS C44400 (admiralty, antimonial (Cu-Zn-Sn))
Copper and Copper-Alloy Seamless Condenser Tubes and Ferrul Stock, Specification for, **B111/B111M (02.01)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

UNS C44400 (admiralty, antimonial)
Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

NS C44500 (admiralty, phosphorized (Cu-Zn-Sn))
Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

NS C44500 (admiralty, phosphorized (Cu-Zn-Sn))—tube
Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

NS C46200 (naval brass, 63.5%)
Naval Brass Rod, Bar, and Shapes, Specification for, **B21/B21M (02.01)**

NS C46400 (naval brass, uninhibited)
Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
Naval Brass Rod, Bar, and Shapes, Specification for, **B21/B21M (02.01)**

NS C46500 (naval brass, arsenical)
Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

NS C47940 (Brass alloy)
Naval Brass Rod, Bar, and Shapes, Specification for, **B21/B21M (02.01)**

NS C48200 (naval brass, medium leaded)
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
Naval Brass Rod, Bar, and Shapes, Specification for, **B21/B21M (02.01)**

NS C48500 (naval brass, high leaded)
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
Naval Brass Rod, Bar, and Shapes, Specification for, **B21/B21M (02.01)**

NS C49300
Copper-Zinc-Tin-Bismuth Alloy Rod, Bar and Wire, Specification for, **B967/B967M (02.01)**

NS C50500 (phosphor bronze, 1.25% E)
Copper Alloy Strip for Flexible Metal Hose, Specification for, **B508 (02.01)**

NS C50700 (phosphor bronze)
Hard-Drawn Copper Alloy Wires for Electric Conductors, Specification for, **B105 (02.03)**

NS C51000 (phosphor bronze, 5% A)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Hard-Drawn Copper Alloy Wires for Electric Conductors, Specification for, **B105 (02.03)**
Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**
Phosphor Bronze Rod, Bar, and Shapes, Specification for, **B139/B139M (02.01)**
Phosphor Bronze Wire, Specification for, **B159/B159M (02.01)**
Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use, Specification for, **B100 (02.01)**

UNS C51100 (phosphor bronze)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**
Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use, Specification for, **B100 (02.01)**

UNS C51900 (phosphor bronze)
Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**

UNS C52100 (phosphor bronze, 8% C)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**
Phosphor Bronze Rod, Bar, and Shapes, Specification for, **B139/B139M (02.01)**
Phosphor Bronze Wire, Specification for, **B159/B159M (02.01)**

UNS C52400 (phosphor bronze, 10% D)
Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**
Phosphor Bronze Rod, Bar, and Shapes, Specification for, **B139/B139M (02.01)**
Phosphor Bronze Wire, Specification for, **B159/B159M (02.01)**

UNS C53400 (phosphor bronze B-1)
Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**
Phosphor Bronze Rod, Bar, and Shapes, Specification for, **B139/B139M (02.01)**

UNS C54400 (phosphor bronze B-2)
Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**
Phosphor Bronze Rod, Bar, and Shapes, Specification for, **B139/B139M (02.01)**

UNS C60600 (aluminum bronze)
Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**

UNS C60800 (aluminum bronze)
Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

UNS C61300 (aluminum bronze)
Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
Aluminum Bronze Sheet, Strip, and Rolled Bar, Specification for, **B169/B169M (02.01)**
Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use, Specification for, **B100 (02.01)**

UNS C61300 (aluminum bronze)—pipe/tube
Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
Seamless Copper Alloy Pipe and Tube, Specification for, **B315 (02.01)**
Welded Copper-Alloy Pipe, Specification for, **B608 (02.01)**

UNS C61400 (aluminum bronze D)
- Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Aluminum Bronze Sheet, Strip, and Rolled Bar, Specification for, **B169/B169M (02.01)**
- Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
- Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use, Specification for, **B100 (02.01)**

UNS C61400 (aluminum bronze D)—pipe/tube
- Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
- Seamless Copper Alloy Pipe and Tube, Specification for, **B315 (02.01)**
- Welded Copper-Alloy Pipe, Specification for, **B608 (02.01)**

UNS C61900 (aluminum bronze)
- Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

UNS C62300 (aluminum bronze)
- Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

UNS C62400, C62410 (aluminum bronze)
- Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**

UNS C63000 (aluminum bronze)
- Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
- Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

UNS C63020 (copper alloy)
- Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Seamless Copper Alloy Pipe and Tube, Specification for, **B315 (02.01)**

UNS C63200 (aluminum bronze)
- Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
- Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

UNS C63800 (aluminum bronze)
- Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
- Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422 (02.01)**

UNS C64200 (aluminum bronze)
- Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

UNS C64210 (aluminum-silicon bronze)
- Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

UNS C64700 (silicon bronze)
- Copper-Nickel-Silicon Alloy Rod and Bar, Specification for, **B411/B411M (02.01)**

UNS C65100 (low silicon bronze B)
- Copper-Silicon Alloy Plate, Sheet, Strip, and Rolled Bar for General Purposes and Pressure Vessels, Specification for, **B96/B96M (02.01)**
- Copper-Silicon Alloy Rod, Bar and Shapes, Specification for, **B98/B98M (02.01)**
- Copper-Silicon Alloy Wire for General Applications, Specification for, **B99/B99M (02.01)**
- Hard-Drawn Copper Alloy Wires for Electric Conductors, Specification for, **B105 (02.03)**
- Seamless Copper Alloy Pipe and Tube, Specification for, **B315 (02.01)**

UNS C65400 (silicon bronze)
- Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
- Copper-Silicon Alloy Plate, Sheet, Strip, and Rolled Bar for General Purposes and Pressure Vessels, Specification for, **B96/B96M (02.01)**

UNS C65500 (high silicon bronze A)
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
- Copper-Silicon Alloy Plate, Sheet, Strip, and Rolled Bar for General Purposes and Pressure Vessels, Specification for, **B96/B96M (02.01)**
- Copper-Silicon Alloy Rod, Bar and Shapes, Specification for, **B98/B98M (02.01)**
- Copper-Silicon Alloy Wire for General Applications, Specification for, **B99/B99M (02.01)**
- Seamless Copper Alloy Pipe and Tube, Specification for, **B315 (02.01)**
- Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use, Specification for, **B100 (02.01)**

UNS C66100 (silicon bronze)
- Copper-Silicon Alloy Rod, Bar and Shapes, Specification for, **B98/B98M (02.01)**

UNS C66400 copper alloy
- Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**

UNS C66410 (misc. copper-zinc alloy)
- Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**

UNS C67000 (manganese bronze B)
- Manganese Bronze Rod, Bar, and Shapes, Specification for, **B138/B138M (02.01)**

UNS C67500 (manganese bronze A)
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
- Manganese Bronze Rod, Bar, and Shapes, Specification for, **B138/B138M (02.01)**

NS C67600 (leaded manganese bronze)
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
Manganese Bronze Rod, Bar, and Shapes, Specification for, **B138/B138M (02.01)**

NS C68700 (aluminum brass, aresenical)
Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**
Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

NS C68800 (copper alloy)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Zinc-Aluminum-Cobalt Alloy, Copper-Zinc-Tin-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B592 (02.01)**

NS C69100 (copper alloy)
Seamless Copper Alloy (UNS No. C69100) Pipe and Tube, Specification for, **B706 (02.01)**

NS C69400 (silicon red brass)
Copper-Zinc-Silicon Alloy Rod, Specification for, **B371/B371M (02.01)**

NS C69430 (silicon red brass)
Copper-Zinc-Silicon Alloy Rod, Specification for, **B371/B371M (02.01)**

NS C69700 (leaded silicon brass)
Copper-Zinc-Silicon Alloy Rod, Specification for, **B371/B371M (02.01)**

NS C69710 (leaded silicon brass)
Copper-Zinc-Silicon Alloy Rod, Specification for, **B371/B371M (02.01)**

NS C70250 (copper-nickel)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422 (02.01)**

NS C70260 (copper-nickel)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422 (02.01)**

NS C70400 (copper-nickel, 5 %)
Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**
U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**
Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

UNS C70600 (Cu-Ni, 10%)
Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**
Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

UNS C70600 (Cu-Ni)—pipe/tube (seamless/welded)
Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**
Seamless and Welded Copper–Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**
Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**
Welded Copper-Alloy Pipe, Specification for, **B608 (02.01)**
Welded Copper-Nickel Pipe, Specification for, **B467 (02.01)**

UNS C70600 (Cu-Ni)—rod/bar
Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

UNS C70600 (Cu-Ni)—tube (for condensers/heat exchangers)
Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

UNS C70620 (90/10 Cu-Ni welding rod composition)
Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
Seamless and Welded Copper–Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**
Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

UNS C70620 (90/10 Cu-Ni welding rod)
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**
Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**
Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**
U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

UNS C70690 (copper nickel)
Electronic Grade Alloys of Copper and Nickel in Wrought Forms, Specification for, **F96 (10.04)**

UNS C71000
Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**
Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**
Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

UNS C71000—pipe and tube

Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**

UNS C71000—tube (for condensers/heat exchangers)

Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

UNS C71500

Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

UNS C71500—pipe/tube (seamless/welded)

Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**

Seamless and Welded Copper–Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

Welded Copper-Alloy Pipe, Specification for, **B608 (02.01)**

Welded Copper-Nickel Pipe, Specification for, **B467 (02.01)**

UNS C71500—rod/bar

Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

UNS C71500—tube (for condensers/heat exchangers)

Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

UNS C71520 (70/30 copper-nickel (welding rod composition))

Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

Seamless and Welded Copper–Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

Welded Copper-Nickel Pipe, Specification for, **B467 (02.01)**

UNS C71520 (70/30 Cu-Ni welding rod)

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

UNS C71580 (copper nickel)

Electronic Grade Alloys of Copper and Nickel in Wrought Forms, Specification for, **F96 (10.04)**

UNS C71590 (copper nickel)

Electronic Grade Alloys of Copper and Nickel in Wrought Forms, Specification for, **F96 (10.04)**

UNS C71640 (copper-nickel)

Seamless and Welded Copper–Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

UNS C72200 (copper nickel)

Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

UNS C72200 (copper nickel)—tube

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

Seamless and Welded Copper–Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

UNS C72500 (copper nickel)

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

UNS C72650 (copper-nickel tin alloy)

Copper-Nickel-Tin Spinodal Alloy Strip, Specification for, **B740 (02.01)**

UNS C72700 (copper-nickel tin spinoidal alloy)

Copper-Nickel-Tin Spinodal Alloy Strip, Specification for, **B740 (02.01)**

UNS C72900 (copper-nickel tin spinodal alloy)

Copper-Nickel-Tin Spinodal Alloy Strip, Specification for, **B740 (02.01)**

UNS C73500 (nickel silver)

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

UNS C74000 (nickel silver)

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

UNS C74500 (nickel silver)

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**

UNS C74500 (nickel silver)—rod/bar

Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

UNS C75200 (nickel silver)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Sil-

ver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**
Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**

NS C75200 (nickel silver)—rod/bar
Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

NS C75700 (nickel silver, 65-12)
Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**
Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

NS C76200 (nickel silver)
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

NS C76400 (nickel silver)
Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**

NS C76400 (nickel silver)—rod/bar
Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

NS C77000 (nickel silver)
Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**
Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**

NS C77000 (nickel silver)—rod/bar
Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

NS C77400 (nickel silver)
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

NS C79200 (leaded nickel silver)
Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**
Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

NS C81400 (cast chromium copper)
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**

NS C82000 (cast beryllium copper)
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**

NS C82200 (cast beryllium copper)
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**

NS C82400 (cast beryllium copper)
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**

NS C82500 (cast beryllium copper)
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**

NS C82510 (copper-beryllium alloy)
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**

NS C82600 (cast beryllium copper)
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**

UNS C82800 (cast beryllium copper)
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**

UNS C83450 (leaded red brass)
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C83600 (cast leaded red brass)
Composition Bronze or Ounce Metal Castings, Specification for, **B62 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C83800 (cast leaded red brass)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C84200 (cast semi-red brass)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C84400 (cast semi-red brass)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C84800 (cast semi-red brass)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C85200 (cast leaded yellow brass)
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C85400 (cast leaded yellow brass)
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C85700 (cast leaded yellow brass)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Alloy Die Castings, Specification for, **B176 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
UNS C85800 (cast leaded yellow brass)
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Alloy Die Castings, Specification for, **B176 (02.01)**
UNS C86100 (cast manganese bronze)
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
UNS C86200 (cast manganese bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
UNS C86300 (cast manganese bronze)
Bronze Castings for Bridges and Turntables, Specification for, **B22 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
UNS C86400 (cast leaded manganese bronze)
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
UNS C86500 (cast manganese bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Alloy Die Castings, Specification for, **B176 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
UNS C86700 (cast leaded manganese bronze)
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
UNS C87300 (copper silicon alloy)
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
UNS C87400 (cast silicon brass)
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
UNS C87500 (cast silicon brass)
Copper Alloy Permanent Mold Castings for General Applications Specification for, **B806 (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
UNS C87600 (cast silicon brass)
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
UNS C87610 (cast leaded tin bronze)
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
UNS C87610 (cast silicon brass)
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
UNS C87800 (cast silicon bronze)
Copper Alloy Permanent Mold Castings for General Applications Specification for, **B806 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Alloy Die Castings, Specification for, **B176 (02.01)**
UNS C89320 (cast Cu-Sn-Bi bronze alloy (magnolia B-1 lead-free bronze))
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
UNS C89520 (cast Cu-Sn-Zn-Bi-Se alloy, SeBiLOY II)
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
UNS C89844 (cast Cu-Zn-Sn-Bi alloy)
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
UNS C90300 (cast tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
UNS C90500 (cast tin bronze)
Bronze Castings for Bridges and Turntables, Specification for, **B22 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**

Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

NS C90700 (cast tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Gear Bronze Alloy Castings, Specification for, **B427 (02.01)**

NS C90800 (cast tin bronze)
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Gear Bronze Alloy Castings, Specification for, **B427 (02.01)**

NS C91000 (cast tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

NS C91100 (cast tin bronze)
Bronze Castings for Bridges and Turntables, Specification for, **B22 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

NS C91300 (cast tin bronze)
Bronze Castings for Bridges and Turntables, Specification for, **B22 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

NS C91600 (cast tin bronze)
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Gear Bronze Alloy Castings, Specification for, **B427 (02.01)**

NS C91700 (cast tin bronze)
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Gear Bronze Alloy Castings, Specification for, **B427 (02.01)**

NS C92200 (cast leaded tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
Steam or Valve Bronze Castings, Specification for, **B61 (02.01)**

NS C92210 (cast leaded tin bronze)
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

NS C92300 (cast leaded tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

NS C92500 (cast leaded tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

NS C92600 (cast leaded tin bronze)
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

NS C92700 (cast leaded tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C92800 (cast leaded tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C92900 (leaded tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Nickel-Tin Spinodal Alloy Rod and Bar, Specification for, **B929 (02.01)**
Gear Bronze Alloy Castings, Specification for, **B427 (02.01)**

UNS C93200 (cast high-leaded tin bronze)
Bronze Castings for Steam Locomotive Wearing Parts, Specification for, **B66/B66M (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C93400 (cast high-leaded tin bronze)
Bronze Castings for Steam Locomotive Wearing Parts, Specification for, **B66/B66M (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C93500 (cast high-leaded tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C93600 (cast high-leaded tin bronze)
Bronze Castings for Steam Locomotive Wearing Parts, Specification for, **B66/B66M (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C93700 (cast high-leaded tin bronze)
Bronze Castings for Bridges and Turntables, Specification for, **B22 (02.01)**
Bronze Castings for Steam Locomotive Wearing Parts, Specification for, **B66/B66M (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C93800 (cast high-leaded tin bronze)
Bronze Castings for Steam Locomotive Wearing Parts, Specification for, **B66/B66M (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**

Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C93900 (cast high-leaded tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C94000 (cast high-leaded tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C94100 (cast high-leaded tin bronze)
Car and Tender Journal Bearings, Lined, Specification for, **B67 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C94300 (cast high-leaded tin bronze)
Bronze Castings for Steam Locomotive Wearing Parts, Specification for, **B66/B66M (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C94400 (cast high-leaded tin bronze)
Bronze Castings for Steam Locomotive Wearing Parts, Specification for, **B66/B66M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C94500 (cast high-leaded tin bronze)
Bronze Castings for Steam Locomotive Wearing Parts, Specification for, **B66/B66M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C94700 (cast nickel-tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C94800 (cast nickel-tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C94900 (cast nickel-tin bronze)
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C95200 (cast aluminum bronze)
Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C95300 (cast aluminum bronze)
Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Permanent Mold Castings for General Applications Specification for, **B806 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C95400 (cast aluminum bronze)
Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
Bronze Castings for Steam Locomotive Wearing Parts, Specification for, **B66/B66M (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Permanent Mold Castings for General Applications Specification for, **B806 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C95410 (cast aluminum bronze)
Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Permanent Mold Castings for General Applications Specification for, **B806 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C95500 (cast aluminum bronze)
Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Permanent Mold Castings for General Applications Specification for, **B806 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C95520 (cast aluminum bronze)
Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C95600 (cast aluminum bronze)
Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C95700 (cast aluminum bronze)
Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

NS C95800 (cast aluminum bronze)
Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Permanent Mold Castings for General Applications, Specification for, **B806 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

NS C95900 (cast aluminum bronze)
Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

NS C96200 (cast copper-nickel)
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Nickel Alloy Castings, Specification for, **B369 (02.01)**

NS C96400 (cast copper nickel)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Nickel Alloy Castings, Specification for, **B369 (02.01)**

NS C96700 (cast copper nickel)
Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**

NS C96800 (cast copper nickel)
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

NS C97300 (cast nickel-silver)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

NS C97600 (cast nickel silver)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

NS C97800 (cast nickel-silver)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

NS C99400 (cast copper alloy)
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C99500 (cast copper alloy)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C99700 (cast copper alloy)
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Alloy Die Castings, Specification for, **B176 (02.01)**

UNS C99750 (cast copper alloy)
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Alloy Die Castings, Specification for, **B176 (02.01)**

UNS G10080 (carbon steel)
Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**
Conducting Wire-on-Bolt Test for Atmospheric Galvanic Corrosion, Practice for, **G116 (03.02)**

UNS G10100 (carbon steel)
Conducting Wire-on-Bolt Test for Atmospheric Galvanic Corrosion, Practice for, **G116 (03.02)**

UNS G10220 (carbon steel)
Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**

UNS G51986 (Cr alloy steel)
Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**

UNS G52986 (Cr alloy steel)
Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**

UNS J93371 (duplex alloy steel casting, 3A)
Castings, Iron-Chromium-Nickel-Molybdenum Corrosion-Resistant, Duplex (Austenitic/Ferritic) for General Application, Specification for, **A890/A890M (01.02)**

UNS J93372 (cast duplex Cr-Ni-Cu-Mo-N stainless steel)
Castings, Iron-Chromium-Nickel-Molybdenum Corrosion-Resistant, Duplex (Austenitic/Ferritic) for General Application, Specification for, **A890/A890M (01.02)**

UNS K91800 (iron, chromium sealing alloy)
Chromium-Iron Sealing Alloys with 18 or 28 Percent Chromium, Specification for, **F256 (10.04)**

UNS K92650 (Fe-Co soft magnetic alloy)
Wrought Iron-Cobalt High Magnetic Saturation Alloys (UNS R30005 and K92650), Specification for, **A801 (03.04)**

UNS K92801 (iron, chromium sealing alloy)
Chromium-Iron Sealing Alloys with 18 or 28 Percent Chromium, Specification for, **F256 (10.04)**

UNS K93050 (Fe-Ni low expansion alloy, Invar FC)
Iron-Nickel and Iron-Nickel-Cobalt Alloys for Low Thermal Expansion Applications, Specification for, **F1684 (10.04)**

UNS K93500 (Fe-Ni-Co low expansion alloy, Super Invar)
Iron-Nickel and Iron-Nickel-Cobalt Alloys for Low Thermal Expansion Applications, Specification for, **F1684 (10.04)**

UNS K93603 (Fe-Ni low expansion alloy, Invar)
Iron-Nickel and Iron-Nickel-Cobalt Alloys for Low Thermal Expansion Applications, Specification for, **F1684 (10.04)**

UNS K94490 (Fe-Ni ferromagnetic alloy)
Wrought Nickel-Iron Soft Magnetic Alloys (UNS K94490, K94840, N14076, N14080), Specification for, **A753 (03.04)**

UNS K94610 (Fe-Ni-Co sealing alloy, KOVAR)
Iron-Nickel-Cobalt Sealing Alloy, Specification for, **F15 (10.04)**

UNS K94620 (Fe-Ni-Co, metal-to-ceramic sealing alloy)
Iron-Nickel-Cobalt Alloys for Metal-to-Ceramic Sealing Applications, Specification for, **F1466 (10.04)**

UNS K94630 (Fe-Ni-Co, metal-to-ceramic sealing alloy)
Iron-Nickel-Cobalt Alloys for Metal-to-Ceramic Sealing Applications, Specification for, **F1466 (10.04)**

UNS K94760 (iron, nickel-chromium sealing alloy)
42 % Nickel-6 % Chromium-Iron Sealing Alloy, Specification for, **F31 (10.04)**
UNS K94840 (Fe-Ni ferromagnetic alloy)
Wrought Nickel-Iron Soft Magnetic Alloys (UNS K94490, K94840, N14076, N14080), Specification for, **A753 (03.04)**
UNS L01951 (cadmium metal, 99.95 Cd)
Cadmium, Specification for, **B440 (02.04)**
UNS L01971 (cadmium metal, 99.99 Cd)
Cadmium, Specification for, **B440 (02.04)**
UNS L01981 (cadmium metal, 99.995 Cd)
Cadmium, Specification for, **B440 (02.04)**
UNS L05090 (lead alloy)
Lead- and Tin-Alloy Die Castings, Specification for, **B102 (02.04)**
UNS L05180 (lead alloy)
Lead- and Tin-Alloy Die Castings, Specification for, **B102 (02.04)**
UNS L13650 (tin alloy)
Lead- and Tin-Alloy Die Castings, Specification for, **B102 (02.04)**
UNS L13820 (tin alloy)
Lead- and Tin-Alloy Die Castings, Specification for, **B102 (02.04)**
UNS L13840 (white metal bearing alloy)
White Metal Bearing Alloys (Known Commercially as "Babbitt Metal"), Specification for, **B23 (02.04)**
UNS L13870 (white metal bearing alloy)
White Metal Bearing Alloys (Known Commercially as "Babbitt Metal"), Specification for, **B23 (02.04)**
UNS L13890 (white metal bearing alloy)
White Metal Bearing Alloys (Known Commercially as "Babbitt Metal"), Specification for, **B23 (02.04)**
UNS L13910 (white metal bearing alloy)
White Metal Bearing Alloys (Known Commercially as "Babbitt Metal"), Specification for, **B23 (02.04)**
UNS L13911 (modern pewter casting alloys)
Modern Pewter Alloys, Specification for, **B560 (02.04)**
UNS L13912 (modern pewter sheet alloy)
Modern Pewter Alloys, Specification for, **B560 (02.04)**
UNS L13913 (tin alloy)
Lead- and Tin-Alloy Die Castings, Specification for, **B102 (02.04)**
UNS L13963 (modern pewter)
Modern Pewter Alloys, Specification for, **B560 (02.04)**
UNS L53346 (lead-base bearing alloy)
White Metal Bearing Alloys (Known Commercially as "Babbitt Metal"), Specification for, **B23 (02.04)**
UNS L53565 (lead-base white metal bearing alloy)
White Metal Bearing Alloys (Known Commercially as "Babbitt Metal"), Specification for, **B23 (02.04)**
UNS L53585 (lead-base white metal bearing alloy)
White Metal Bearing Alloys (Known Commercially as "Babbitt Metal"), Specification for, **B23 (02.04)**
UNS L53620 (lead-base bearing alloy)
White Metal Bearing Alloys (Known Commercially as "Babbitt Metal"), Specification for, **B23 (02.04)**
UNS M10100 (magnesium alloy, casting)
Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**
Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
UNS M10410 (magnesium alloy, casting)
Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**
Magnesium-Alloy Die Castings, Specification for, **B94 (02.02)**
UNS M10600 (magnesium alloy, casting)
Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**
Magnesium-Alloy Die Castings, Specification for, **B94 (02.02)**
UNS M11311 (magnesium alloy)
Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**
Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**
Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
Magnesium-Alloy Sheet and Plate, Specification for, **B90/B90M (02.02)**
UNS M11312 (magnesium alloy)
Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**
Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**
Magnesium-Alloy Sheet and Plate, Specification for, **B90/B90M (02.02)**
UNS M11610 (magnesium alloy)
Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**
Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**
Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
UNS M11630 (magnesium alloy, casting)
Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
UNS M11800 (magnesium alloy, casting)
Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**
Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**
Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**
Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
UNS M11910 (magnesium alloy, casting)
Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**
Magnesium-Alloy Die Castings, Specification for, **B94 (02.02)**
UNS M11912 (magnesium alloy, casting)
Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**
Magnesium-Alloy Die Castings, Specification for, **B94 (02.02)**
UNS M11914 (magnesium alloy, casting)
Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**
Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
UNS M11920 (magnesium alloy, casting)
Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**
Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M12330 (magnesium alloy, casting)
Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M13210 (magnesium alloy)
Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
Magnesium-Alloy Sheet and Plate, Specification for, **B90/B90M (02.02)**

UNS M13310 (magnesium alloy, casting)
Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
Magnesium-Alloy Sheet and Plate, Specification for, **B90/B90M (02.02)**

UNS M13320 (magnesium alloy, casting)
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M14141 (magnesium alloy)
Magnesium-Alloy Sheet and Plate, Specification for, **B90/B90M (02.02)**

UNS M15100 (magnesium alloy)
Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**
Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**

UNS M16100 (magnesium alloy)
Magnesium-Alloy Sheet and Plate, Specification for, **B90/B90M (02.02)**

UNS M16400 (magnesium alloy)
Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**
Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**

UNS M16410 (magnesium alloy, casting)
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M16510 (magnesium alloy, casting)
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M16600 (magnesium alloy)
Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**
Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**
Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**

UNS M16610 (magnesium alloy, casting)
Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M16620 (magnesium alloy, casting)
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M16630 (magnesium alloy, casting)
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M18010 (magnesium alloy, casting)
Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M18220 (magnesium alloy, casting)
Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M19980 (magnesium remelt alloy)
Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
Unalloyed Magnesium Ingot and Stick For Remelting, Specification for, **B92/B92M (02.02)**

UNS M19990 (magnesium remelt alloy)
Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
Unalloyed Magnesium Ingot and Stick For Remelting, Specification for, **B92/B92M (02.02)**

UNS M19991 (magnesium remelt alloy)
Unalloyed Magnesium Ingot and Stick For Remelting, Specification for, **B92/B92M (02.02)**

UNS M19995 (magnesium remelt alloy)
Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
Unalloyed Magnesium Ingot and Stick For Remelting, Specification for, **B92/B92M (02.02)**

UNS M19998 (magnesium remelt alloy)
Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
Unalloyed Magnesium Ingot and Stick For Remelting, Specification for, **B92/B92M (02.02)**

UNS N02200 (commercially pure Ni alloy, Nickel 200)
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel Plate, Sheet, and Strip, Specification for, **B162 (02.04)**
Nickel Rod and Bar, Specification for, **B160 (02.04)**
Nickel Seamless Pipe and Tube, Specification for, **B161 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe, Specification for, **B725 (02.04)**
Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Tube, Specification for, **B730 (02.04)**

UNS N02201 (commercially pure Ni alloy, Nickel 201)
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Plate, Sheet, and Strip, Specification for, **B162 (02.04)**
Nickel Rod and Bar, Specification for, **B160 (02.04)**
Nickel Seamless Pipe and Tube, Specification for, **B161 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe, Specification for, **B725 (02.04)**
Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Tube, Specification for, **B730 (02.04)**

UNS N02211 (nickel alloy, solution strengthened, Nickel 211)
Round Wire for Winding Electron Tube Grid Laterals, Specification for, **F290 (10.04)**

UNS N02233 (commercially pure Ni alloy, Nickel 233)
Carbonized Nickel Strip and Carbonized Nickel-Plated and Nickel-Clad Steel Strip for Electron Tubes, Specification for, **F4 (10.04)**

UNS N03300 (Ni alloy, Permanickel 300)
Round Wire for Winding Electron Tube Grid Laterals, Specification for, **F290 (10.04)**

UNS N04400 (Ni-Cu alloy, Monel 400)
Electronic Grade Alloys of Copper and Nickel in Wrought Forms, Specification for, **F96 (10.04)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Copper Alloy (UNS N04400) Plate, Sheet, and Strip, Specification for, **B127 (02.04)**
Nickel-Copper Alloy (UNS N04400)* Seamless Pipe and Tube, Specification for, **B165 (02.04)**
Nickel-Copper Alloy Rod, Bar, and Wire, Specification for, **B164 (02.04)**
Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**
Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**
Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe, Specification for, **B725 (02.04)**
Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper

Alloy (UNS N04400) Tube, Specification for, **B730 (02.04)**
UNS N04404 (nickel-copper alloys)
Electronic Grade Alloys of Copper and Nickel in Wrought Forms, Specification for, **F96 (10.04)**
Iron-Nickel Sealing Alloys, Specification for, **F30 (10.04)**
UNS N04405 (Ni-Cu alloy solution strengthened (Monel R405))
Nickel-Copper Alloy Rod, Bar, and Wire, Specification for, **B164 (02.04)**
Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**
Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**
Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**
UNS N05500 (Ni-Cu alloy, Monel K500)
Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**
Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**
Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**
Precipitation Hardening Nickel-Copper-Aluminum Alloy (UNS N05500) Bar, Rod, Wire, Forgings, and Forging Stock, Specification for, **B865 (02.04)**
UNS N06002 (Ni-Cr alloy, Hastelloy X)
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Plate, Sheet, and Strip, Specification for, **B435 (02.04)**
UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Rod, Specification for, **B572 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
UNS N06007 (Ni-Cr alloy, Hastelloy G)
Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip, Specification for, **B582 (02.04)**
Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
UNS N06022 (Ni-Cr-Mo alloy, Hastelloy C-22)
Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
Determining the Crevice Repassivation Potential of Corrosion-Resistant Alloys Using a Potentiodynamic-Galvanostatic-Potentiostatic Technique, Test Method for, **G192 (03.02)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, and UNS R20033 Alloy Pipe Flanges, Specification for, **B462 (02.04)**
Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet and Strip, Specification for, **B575 (02.04)**
Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
UNS N06025 (Ni-Cr-Fe-Al alloy, Nicofer 6025 HT)
Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025) and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, Specification for, **B166 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, Specification for, **B516 (02.04)**
Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**
UNS N06030 (wrought Ni-Cr-Fe-Mo-Cu alloy, Hastelloy G-30)
Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, and UNS R20033 Alloy Pipe Flanges, Specification for, **B462 (02.04)**
Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip, Specification for, **B582 (02.04)**
Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

NS N06045 (Ni-Cr-Fe-Si alloy, Nicrofer 45)
Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, Specification for, **B166 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, Specification for, **B516 (02.04)**
Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**

NS N06058 (low-carbon Ni-Cr-Mo alloy)
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**
Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**

NS N06059 (low carbon Ni-Cr-Mo alloy, Alloy 59)
Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**
Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

NS N06060 (Ni-Cr-Mo-Fe alloy)
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

UNS N06102 (Ni-Cr alloy, IN-102)
Copper-Zinc-Lead Alloy (Leaded-Brass) Extruded Shapes, Specification for, **B455 (02.01)**

UNS N06110 (austenitic corrosion resistant Ni alloy, Allcorr)
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Chromium-Molybdenum-Tungsten Alloy (UNS N06110) Rod and Bar, Specification for, **B756 (02.04)**
Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110) Pipe and Tube, Specification for, **B759 (02.04)**
Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110) Plate, Sheet, and Strip, Specification for, **B755 (02.04)**
Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110) Welded Tube, Specification for, **B758 (02.04)**
Nickel-Chromium-Molybdenum-Tungsten-Alloys (UNS N06110) Welded Pipe, Specification for, **B757 (02.04)**

UNS N06200 (Ni-Cr-Mo-Cu alloy, Hastelloy C-2000)
Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**
Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N06210 (Ni-Cr-Mo-Ta alloy, Hastelloy C-2000)
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N06219 (Ni-Cr-Mo-Si alloy, Nicrofer 6219Si)
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe, Specification for, **B705 (02.04)**
Nickel-Chromium-Molybdenum-Columbium Alloy(UNS N06625) and Nickel-Chromium-Molybdenum-SiliconAlloy (UNS N06219)* Plate, Sheet, and Strip, Specification for, **B443 (02.04)**
Nickel-Chromium-Molybdenum-Columbium Alloys (UNS N06625 and UNS N06852) and Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219) Pipe and Tube, Specification for, **B444 (02.04)**
Welded UNS N06625, UNS N06219 and UNS N08825 Alloy Tubes, Specification for, **B704 (02.04)**

UNS N06230 (Ni-Cr-W-Mo alloy, Alloy No. 230)
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
UNS N06002, UNS N06230, UNS N12160, and UNS R30556

Rod, Specification for, **B572 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N06250 (Ni-Cr-Fe-Mo alloy, SM2050)
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

UNS N06255 (Ni-Cr-Fe-Mo-W alloy, SM2550)
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

UNS N06333 (Ni-Cr alloy, RA 333)
Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Bar, Specification for, **B719 (02.04)**
Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Plate, Sheet, and Strip, Specification for, **B718 (02.04)**
Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Seamless Pipe and Tube, Specification for, **B722 (02.04)**
Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Pipe, Specification for, **B723 (02.04)**
Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Tube, Specification for, **B726 (02.04)**

UNS N06455 (Ni-Cr alloy, Hastelloy C-4)
Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**
Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N06464 (Ni-Cr-Mo-Gd alloy)
Low-Carbon Nickel-Chromium-Molybdenum-Gadolinium Alloy Plate, Sheet, and Strip, Specification for, **B932 (02.04)**

UNS N06600 (Ni-Cr alloy, Inconel 600)
Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, Specification for, **B166 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, Specification for, **B516 (02.04)**
Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**

UNS N06601 (Ni-Cr alloy, Inconel 601)
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, Specification for, **B166 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**

UNS N06603 (Ni-Cr-Fe-Al-C alloy, 603GT)
Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025 and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, Specification for, **B166 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, Specification for, **B516 (02.04)**
Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**

UNS N06617 (Ni-Cr alloy, Inconel 617)
Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025 and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, Specification for, **B166 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**

NS N06625 (Ni-Cr alloy, Inconel 625)

Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe, Specification for, **B705 (02.04)**

Nickel-Chromium-Molybdenum-Columbium Alloy (UNS N06625), Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219), and Nickel-Chromium-Molybdenum-Tungsten Alloy (UNS N06650)* Rod and Bar, Specification for, **B446 (02.04)**

Nickel-Chromium-Molybdenum-Columbium Alloy(UNS N06625) and Nickel-Chromium-Molybdenum-SiliconAlloy (UNS N06219)* Plate, Sheet, and Strip, Specification for, **B443 (02.04)**

Nickel-Chromium-Molybdenum-Columbium Alloys (UNS N06625 and UNS N06852) and Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219) Pipe and Tube, Specification for, **B444 (02.04)**

Pressure Consolidated Powder Metallurgy Iron-Nickel-Chromium-Molybdenum (UNS N08367) and Nickel-Chromium-Molybdenum-Columbium (Nb) (UNS N06625) Alloy Pipe Flanges, Fittings, Valves, and Parts, Specification for, **B834 (02.04)**

Welded UNS N06625, UNS N06219 and UNS N08825 Alloy Tubes, Specification for, **B704 (02.04)**

NS N06686 (Ni-Cr-Mo-W alloy, Inconel 686)

Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

NS N06690 (Ni-Cr alloy, Inconel 690)

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, Specification for, **B166 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**

Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**

UNS N06693 (Ni-Cr-Fe-Al-CB alloy, Inconel 693)

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, Specification for, **B166 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**

UNS N06920 (Ni-Cr-Fe-Mo-W alloy, Hastelloy H-9M)

Nickel-Chromium-Iron-Molybdenum-Tungsten Alloy (UNS N06920) Plate, Sheet, and Strip, Specification for, **B814 (02.04)**

UNS N06975 (Ni-Cr alloy, Hastelloy G-2)

Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip, Specification for, **B582 (02.04)**

Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N06985 (Ni-Cr alloy ERNiCrMo-9, Hastelloy G-3)

Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip, Specification for, **B582 (02.04)**

Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N07001 (Ni-Cr alloy, Waspaloy)

Precipitation-Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B637 (02.04)**

UNS N07080 (Ni-Cr alloy, Nimonic 80A)

Precipitation-Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B637 (02.04)**

UNS N07252 (Ni-Cr alloy, M252)

Precipitation-Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B637 (02.04)**

UNS N07500 (Ni-Cr alloy, Udimet 500)
Precipitation-Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B637 (02.04)**

UNS N07716 (Ni-Cr alloy)
Precipitation Hardening Nickel Alloys Bar and Wire, Specification for, **B805 (02.04)**

UNS N07718 (Ni-Cr alloy, Inconel 718)
Precipitation-Hardening Fasteners and Fastener Material (UNS N07718) for High Temperature Service, Specification for, **A1014/A1014M (01.01)**
Precipitation-Hardening Nickel Alloy (UNS N07718) Plate, Sheet, and Strip for High-Temperature Service, Specification for, **B670 (02.04)**
Precipitation-Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B637 (02.04)**

UNS N07725 (Ni-Cr-Mo alloy, Inconel 725)
Precipitation Hardening Nickel Alloys Bar and Wire, Specification for, **B805 (02.04)**

UNS N07750 (Ni-Cr alloy, Inconel X750)
Precipitation-Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B637 (02.04)**

UNS N07773 (Ni-Cr-Fe-Cb-Mo alloy, PH3)
Precipitation Hardening Nickel Alloys Bar and Wire, Specification for, **B805 (02.04)**

UNS N07776 (Ni-Cr-Mo-Fe-Cb-W alloy, PH6)
Precipitation Hardening Nickel Alloys Bar and Wire, Specification for, **B805 (02.04)**

UNS N08020 (Ni-Fe-Cr alloy, Carpenter 20Cb3)
Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
Electric-Fusion-Welded Austenitic Chromium-Nickel Stainless Steel Pipe for High-Temperature Service and General Applications, Specification for, **A358/A358M (01.01)**
Evaluating Stress-Corrosion Cracking of Stainless Alloys with Different Nickel Content in Boiling Acidified Sodium Chloride Solution, Test Method for, **G123 (03.02)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, and UNS R20033 Alloy Pipe Flanges, Specification for, **B462 (02.04)**
General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**
UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Bar and Wire, Specification for, **B473 (02.04)**
UNS N08020, UNS N08026, and UNS N08024 Alloy Plate, Sheet, and Strip, Specification for, **B463 (02.04)**
Welded UNS N08020, N08024, and N08026 Alloy Tubes, Specification for, **B468 (02.04)**

UNS N08020 (Ni-Fe-Cr alloy, Carpenter 20Cb3)—pipe
Electric Fusion Welded Nickel and Nickel Alloy Pipe, Specification for, **B474 (02.04)**
Seamless UNS N08020, UNS N08026, and UNS N08024 Nickel-Alloy Pipe and Tube, Specification for, **B729 (02.04)**
Welded UNS N08020, N08024, and N08026 Alloy Pipe, Specification for, **B464 (02.04)**

UNS N08020 (Ni-Fe-Cr alloy, Carpenter 20Cb3)—wire
UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Round Weaving Wire, Specification for, **B475 (02.04)**

UNS N08024 (Cr-Ni-Fe-Mo-Cu alloy, columbium stabilized)
Electric Fusion Welded Nickel and Nickel Alloy Pipe, Specification for, **B474 (02.04)**
Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, and UNS R20033 Alloy Pipe Flanges, Specification for, **B462 (02.04)**
Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**
Seamless UNS N08020, UNS N08026, and UNS N08024 Nickel Alloy Pipe and Tube, Specification for, **B729 (02.04)**
UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Ba and Wire, Specification for, **B473 (02.04)**
UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Round Weaving Wire, Specification for, **B475 (02.04)**
UNS N08020, UNS N08026, and UNS N08024 Alloy Plate, Sheet, and Strip, Specification for, **B463 (02.04)**
Welded UNS N08020, N08024, and N08026 Alloy Pipe, Specification for, **B464 (02.04)**
Welded UNS N08020, N08024, and N08026 Alloy Tubes, Specification for, **B468 (02.04)**

UNS N08026 (Ni-Cr wrought alloy, Carpenter 20Mo6)
Electric Fusion Welded Nickel and Nickel Alloy Pipe, Specification for, **B474 (02.04)**
Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, and UNS R20033 Alloy Pipe Flanges, Specification for, **B462 (02.04)**
Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**
Seamless UNS N08020, UNS N08026, and UNS N08024 Nickel Alloy Pipe and Tube, Specification for, **B729 (02.04)**
UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Ba and Wire, Specification for, **B473 (02.04)**
UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Round Weaving Wire, Specification for, **B475 (02.04)**
UNS N08020, UNS N08026, and UNS N08024 Alloy Plate, Sheet, and Strip, Specification for, **B463 (02.04)**
Welded UNS N08020, N08024, and N08026 Alloy Pipe, Specification for, **B464 (02.04)**
Welded UNS N08020, N08024, and N08026 Alloy Tubes, Specification for, **B468 (02.04)**

UNS N08028 (Ni-Fe-Cr alloy, Sanicro 28)
Iron-Nickel-Chromium-Molybdenum Alloy (UNS N08028)* Plate, Sheet, and Strip, Specification for, **B709 (02.04)**
UNS N08028 Seamless Pipe and Tube, Specification for, **B668 (02.04)**

UNS N08031 (Ni-Fe-Cr-Mo-Cu, Alloy No. 31)
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr-Fe-Mo-N Alloy (UNS N08936) Wire, Specification for, **B649 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N08110
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

NS N08120 (Ni-Fe-Cr alloy, HR-120)
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B409 (02.04)**
Nickel-Iron-Chromium Alloy Rod and Bar, Specification for, **B408 (02.04)**
Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, Specification for, **B407 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Welded Nickel-Iron-Chromium Alloy Pipe, Specification for, **B514 (02.04)**
Welded UNS N08120, UNS N08800, UNS N08810, and UNS N08811 Alloy Tubes, Specification for, **B515 (02.04)**

NS N08135 (Ni-Fe-Cr-Mo-W alloy, SM2035)
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

NS N08221 (Ni-Fe-Cr-Cu alloy)
Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825 and UNS N08221)* Plate, Sheet, and Strip, Specification for, **B424 (02.04)**
Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825 and UNS N08221)* Rod and Bar, Specification for, **B425 (02.04)**
Nickel-Iron-Chromium-Molybdenum-Copper Alloy (UNS N08825 and N08221)* Seamless Pipe and Tube, Specification for, **B423 (02.04)**

NS N08320 (Ni-Fe-Cr alloy, Haynes No. 20 Mod)
Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Plate, Sheet, and Strip, Specification for, **B620 (02.04)**
Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Rod, Specification for, **B621 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

NS N08330 (Ni-Fe-Cr alloy, RA 330)
Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel-Chromium-Silicon Alloy (UNS N08330) Billets and Bars, Specification for, **B512 (02.04)**
Nickel-Iron-Chromium-Silicon Alloy Bars and Shapes, Specification for, **B511 (02.04)**
Nickel-Iron-Chromium-Silicon Alloy Welded Pipe, Specification for, **B710 (02.04)**
Nickel-Iron-Chromium-Silicon Alloy Welded Tube, Specification for, **B739 (02.04)**
Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Plate, Sheet, and Strip, Specification for, **B536 (02.04)**
Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Seamless Pipe and Tube, Specification for, **B535 (02.04)**

NS N08332 (Ni-Fe-Cr-Si alloy, RA 330TX)
Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**
Nickel-Iron-Chromium-Silicon Alloy Bars and Shapes, Specification for, **B511 (02.04)**
Nickel-Iron-Chromium-Silicon Alloy Welded Pipe, Specification for, **B710 (02.04)**
Nickel-Iron-Chromium-Silicon Alloy Welded Tube, Specification for, **B739 (02.04)**
Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Plate, Sheet, and Strip, Specification for, **B536 (02.04)**
Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Seamless Pipe and Tube, Specification for, **B535 (02.04)**

UNS N08366 (Ni-Fe-Cr alloy, AL-6X)
Chromium-Nickel-Molybdenum-Iron (UNS N08366 and UNS N08367) Plate, Sheet, and Strip, Specification for, **B688 (02.04)**
General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Rod, Bar, and Wire, Specification for, **B691 (02.04)**
Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Seamless Pipe and Tube, Specification for, **B690 (02.04)**
UNS N08367 Welded Pipe, Specification for, **B675 (02.04)**

UNS N08367 (Cr-Ni-Mo-N alloy, AL 6XN)
Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, Specification for, **A240/A240M (01.03)**
Chromium-Nickel-Molybdenum-Iron (UNS N08366 and UNS N08367) Plate, Sheet, and Strip, Specification for, **B688 (02.04)**
Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, and UNS R20033 Alloy Pipe Flanges, Specification for, **B462 (02.04)**
Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Rod, Bar, and Wire, Specification for, **B691 (02.04)**
Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Seamless Pipe and Tube, Specification for, **B690 (02.04)**
Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Pressure Consolidated Powder Metallurgy Iron-Nickel-Chromium-Molybdenum (UNS N08367) and Nickel-Chromium-Molybdenum-Columbium (Nb) (UNS N06625) Alloy Pipe Flanges, Fittings, Valves, and Parts, Specification for, **B834 (02.04)**
UNS N08367 Welded Pipe, Specification for, **B675 (02.04)**
UNS N08367 Welded Tube, Specification for, **B676 (02.04)**
UNS N08367 and UNS N08926 Welded Pipe, Specification for, **B804 (02.04)**

UNS N08535 (Ni-Cr-Mo-Fe-Cu alloy)
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

UNS N08700 (Fe-Ni-Cr alloy, JS 700)
Nickel-Iron-Chromium-Molybdenum-Columbium Stabilized Alloy (UNS N08700) Bar and Wire, Specification for, **B672 (02.04)**
Nickel-Iron-Chromium-Molybdenum-Columbium Stabilized Alloy (UNS N08700) Plate, Sheet, and Strip, Specification for, **B599 (02.04)**

UNS N08800 (Fe-Ni-Cr alloy, Incoloy 800)
Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, Specification for, **A240/A240M (01.03)**
Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**

UNS N08800 (Fe-Ni-Cr alloy, Incoloy 800)

Electric-Fusion-Welded Austenitic Chromium-Nickel Stainless Steel Pipe for High-Temperature Service and General Applications, Specification for, **A358/A358M (01.01)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B409 (02.04)**
Nickel-Iron-Chromium Alloy Rod and Bar, Specification for, **B408 (02.04)**
Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, Specification for, **B407 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Welded Nickel-Iron-Chromium Alloy Pipe, Specification for, **B514 (02.04)**
Welded UNS N08120, UNS N08800, UNS N08810, and UNS N08811 Alloy Tubes, Specification for, **B515 (02.04)**

UNS N08801 (Fe-Ni-Cr alloy, Incoloy 801))

Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, Specification for, **B407 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**

UNS N08810 (Fe-Ni-Cr alloy, Incoloy 800H)

Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, Specification for, **A240/A240M (01.03)**
Electric-Fusion-Welded Austenitic Chromium-Nickel Stainless Steel Pipe for High-Temperature Service and General Applications, Specification for, **A358/A358M (01.01)**
General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B409 (02.04)**
Nickel-Iron-Chromium Alloy Rod and Bar, Specification for, **B408 (02.04)**
Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, Specification for, **B407 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Welded Nickel-Iron-Chromium Alloy Pipe, Specification for, **B514 (02.04)**
Welded UNS N08120, UNS N08800, UNS N08810, and UNS N08811 Alloy Tubes, Specification for, **B515 (02.04)**

UNS N08811 (wrought Ni-Fe-Cr alloy, Incoloy 800HT)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B409 (02.04)**
Nickel-Iron-Chromium Alloy Rod and Bar, Specification for, **B408 (02.04)**
Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, Specification for, **B407 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**

UNS N08825 (Ni-Fe-Cr alloy, Incoloy 825)

Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825 and UNS N08221)* Plate, Sheet, and Strip, Specification for, **B424 (02.04)**
Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825 and UNS N08221)* Rod and Bar, Specification for, **B425 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe Specification for, **B705 (02.04)**
Nickel-Iron-Chromium-Molybdenum-Copper Alloy (UNS N0882 and N08221)* Seamless Pipe and Tube, Specification for, **B423 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Welded UNS N06625, UNS N06219 and UNS N08825 Alloy Tubes, Specification for, **B704 (02.04)**

UNS N08904 (Ni-Cr-Mo alloy)

Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, Specification for, **A240/A240M (01.03)**
General Requirements for Nickel and Nickel Alloy Welded Tube Specification for, **B751 (02.04)**
Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr Fe-Mo-N Alloy (UNS N08936) Wire, Specification for, **B649 (02.04)**
UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube, Specification for, **B677 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Welded Pipe, Specification for, **B673 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Welded Tube, Specification for, **B674 (02.04)**

UNS N08925 (Ni-Fe-Cr-Mo-Cu-low-carbon alloy)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
General Requirements for Nickel and Nickel Alloy Welded Tube Specification for, **B751 (02.04)**
Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr Fe-Mo-N Alloy (UNS N08936) Wire, Specification for, **B649 (02.04)**
UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube, Specification for, **B677 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Welded Pipe, Specification for, **B673 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Welded Tube, Specification for, **B674 (02.04)**

UNS N08926 (Ni-Fe-Cr-Mo-Cu-N alloy, low C, N modified)

Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, Specification for, **A240/A240M (01.03)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr Fe-Mo-N Alloy (UNS N08936) Wire, Specification for, **B649 (02.04)**
Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**
UNS N08367 and UNS N08926 Welded Pipe, Specification for, **B804 (02.04)**
UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube, Specification for, **B677 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Welded Pipe, Specification for, **B673 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Welded Tube, Specification for, **B674 (02.04)**

NS N08932 (Ni-Fe-Cr-Mo-Cu low C alloy, Creusot UR SB 8)
UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**

NS N09008 (Ni-Fe-Cr-Nb-Ti-Al alloy, Incoloy alloy 908)
Precipitation-Hardening Nickel Alloys Plate, Sheet, and Strip, Specification for, **B872 (02.04)**

NS N09777 (Ni-Fe-Cr-Mo-Ti alloy, PH7)
Precipitation Hardening Nickel Alloys Bar and Wire, Specification for, **B805 (02.04)**

NS N10001 (Ni-Mo alloy, Hastelloy B)
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel-Molybdenum Alloy Plate, Sheet, and Strip, Specification for, **B333 (02.04)**
Nickel-Molybdenum Alloy Rod, Specification for, **B335 (02.04)**
Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**
Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**
Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**
Round Wire for Winding Electron Tube Grid Laterals, Specification for, **F290 (10.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

NS N10002 (Ni-Mo alloy, Hastelloy C)
Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**
Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**
Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**

NS N10003 (Ni-Mo alloy, Hastelloy N)
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, N10242)* Rod, Specification for, **B573 (02.04)**
Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, UNS N10242)* Plate, SheetING, and Strip, Specification for, **B434 (02.04)**

NS N10242 (Ni-Mo-Cr alloy, Haynes 242)
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

NS N10276 (Ni-Mo alloy, Hastelloy C276)
Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**
Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Pitting and Crevice Corrosion Resistance of Stainless Steels and Related Alloys by Use of Ferric Chloride Solution, Test Methods for, **G48 (03.02)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N10624 (low carbon Ni-Mo-Cr-Fe alloy, B-10)
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N10629 (Ni-Mo alloy, B-4)
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Molybdenum Alloy Plate, Sheet, and Strip, Specification for, **B333 (02.04)**
Nickel-Molybdenum Alloy Rod, Specification for, **B335 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N10665 (Ni-Mo alloy, Hastelloy B-2)
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Molybdenum Alloy Plate, Sheet, and Strip, Specification for, **B333 (02.04)**
Nickel-Molybdenum Alloy Rod, Specification for, **B335 (02.04)**
Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**
Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**
Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N10675 (Ni-Mo-Cr-Fe alloy, Hastelloy B-3)
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N12160 (Ni-Co-Cr-Si alloy, HR-160)
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Plate, Sheet, and Strip, Specification for, **B435 (02.04)**
UNS N06002, UNS N06230, UNS N12160, and UNS R30556

Rod, Specification for, **B572 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N14052 (nickel-iron alloy)
Iron-Nickel Sealing Alloys, Specification for, **F30 (10.04)**

UNS N14076 (Ni-Fe ferromagnetic alloy)
Wrought Nickel-Iron Soft Magnetic Alloys (UNS K94490, K94840, N14076, N14080), Specification for, **A753 (03.04)**

UNS N14080 (Ni-Fe ferromagnetic alloy)
Wrought Nickel-Iron Soft Magnetic Alloys (UNS K94490, K94840, N14076, N14080), Specification for, **A753 (03.04)**

UNS P00691 (gold electrical contact alloy)
Gold-Silver-Platinum Electrical Contact Alloy, Specification for, **B522 (02.04)**

UNS P00692 (gold electrical contact alloy)
Gold-Silver-Platinum Electrical Contact Alloy, Specification for, **B522 (02.04)**

UNS P00710 (gold electrical contact alloy)
Gold Electrical Contact Alloy, Specification for, **B541 (02.04)**

UNS P00750 (gold electrical contact alloy)
Gold-Silver-Nickel Electrical Contact Alloy, Specification for, **B477 (02.04)**

UNS P00901 (gold electrical contact alloy)
Gold-Copper Alloy Electrical Contact Material, Specification for, **B596 (02.04)**

UNS P03350 (palladium electrical contact alloy)
Palladium Electrical Contact Alloy, Specification for, **B540 (02.04)**

UNS P03440 (palladium electrical contact alloy)
Palladium-Silver-Copper Electrical Contact Alloy, Specification for, **B563 (02.04)**

UNS P03995 (refined palladium - 99.95 % grade)
Refined Palladium, Specification for, **B589 (02.04)**

UNS P04995 (refined platinum - 99.95 % grade)
Refined Platinum, Specification for, **B561 (02.04)**

UNS P05980 (rhodium - 99.80 % grade)
Refined Rhodium, Specification for, **B616 (02.04)**

UNS P05981 (refined rhodium - 99.90 % grade)
Refined Rhodium, Specification for, **B616 (02.04)**

UNS P05982 (refined rhodium - 99.95 % grade)
Refined Rhodium, Specification for, **B616 (02.04)**

UNS P06100 (refined iridium - 99.80 % grade)
Refined Iridium, Specification for, **B671 (02.04)**

UNS P07010 (refined silver - 99.99 % grade)
Refined Silver, Specification for, **B413 (02.04)**

UNS P07015 (refined silver - 99.95 % grade)
Refined Silver, Specification for, **B413 (02.04)**

UNS P07016 (silver)
Brazing Filler Metals for Electron Devices, Specification for, **F106 (10.04)**

UNS P07020 (refined silver - 99.90 % grade)
Refined Silver, Specification for, **B413 (02.04)**

UNS P07900 (silver electrical contact alloy)
Coin Silver Electrical Contact Alloy, Specification for, **B617 (02.04)**

UNS R03600 (Mo, unalloyed)
Molybdenum and Molybdenum Alloy Plate,Sheet, Strip, and Foil, Specification for, **B386 (02.04)**

UNS R03603 (molybdenum)
Molybdenum Flattened Wire for Electron Tubes, Specification for, **F364 (10.04)**

UNS R03604 (molybdenum)
Molybdenum Flattened Wire for Electron Tubes, Specification for, **F364 (10.04)**

UNS R03610 (Mo, unalloyed)
Molybdenum and Molybdenum Alloy Plate,Sheet, Strip, and Foil, Specification for, **B386 (02.04)**

UNS R03620 (Mo alloy)
Molybdenum and Molybdenum Alloy Plate,Sheet, Strip, and Foi Specification for, **B386 (02.04)**

UNS R03630 (Mo alloy)
Molybdenum and Molybdenum Alloy Plate,Sheet, Strip, and Foi Specification for, **B386 (02.04)**

UNS R03640 (Mo alloy)
Molybdenum and Molybdenum Alloy Plate,Sheet, Strip, and Foi Specification for, **B386 (02.04)**

UNS R03650 (Mo unalloyed, low carbon)
Molybdenum and Molybdenum Alloy Plate,Sheet, Strip, and Foi Specification for, **B386 (02.04)**

UNS R04200 (Nb (Cb), unalloyed, reactor grade)
Niobium and Niobium Alloy Bar, Rod, and Wire, Specification for, **B392 (02.04)**
Niobium and Niobium Alloy Ingots, Specification for, **B391 (02.04)**
Niobium and Niobium Alloy Seamless and Welded Tubes, Speci- fication for, **B394 (02.04)**
Niobium and Niobium Alloy Strip, Sheet, and Plate, Specificatio for, **B393 (02.04)**

UNS R04210 (Nb (Cb), unalloyed, commercial grade)
Niobium and Niobium Alloy Bar, Rod, and Wire, Specification for, **B392 (02.04)**
Niobium and Niobium Alloy Ingots, Specification for, **B391 (02.04)**
Niobium and Niobium Alloy Seamless and Welded Tubes, Speci- fication for, **B394 (02.04)**
Niobium and Niobium Alloy Strip, Sheet, and Plate, Specificatio for, **B393 (02.04)**

UNS R04251 (Nb (Cb)-Zr, reactor grade)
Niobium and Niobium Alloy Bar, Rod, and Wire, Specification for, **B392 (02.04)**
Niobium and Niobium Alloy Ingots, Specification for, **B391 (02.04)**
Niobium and Niobium Alloy Seamless and Welded Tubes, Speci- fication for, **B394 (02.04)**
Niobium and Niobium Alloy Strip, Sheet, and Plate, Specificatio for, **B393 (02.04)**

UNS R04261 (Nb (Cb)-Zr, commercial grade)
Niobium and Niobium Alloy Bar, Rod, and Wire, Specification for, **B392 (02.04)**
Niobium and Niobium Alloy Ingots, Specification for, **B391 (02.04)**
Niobium and Niobium Alloy Seamless and Welded Tubes, Speci- fication for, **B394 (02.04)**
Niobium and Niobium Alloy Strip, Sheet, and Plate, Specificatio for, **B393 (02.04)**

UNS R04295 (Nb-Cb alloy)
Niobium-Hafnium Alloy Bar, Rod, and Wire, Specification for, **B655/B655M (02.04)**
Niobium-Hafnium Alloy Foil, Sheet, Strip, and Plate, Specifica- tion for, **B654/B654M (02.04)**
Niobium-Hafnium Alloy Ingots, Specification for, **B652/B652M (02.04)**

UNS R05200 (Ta, unalloyed, cast)
Tantalum and Tantalum Alloy Ingots, Specification for, **B364 (02.04)**
Tantalum and Tantalum Alloy Plate, Sheet, and Strip, Specifica- tion for, **B708 (02.04)**
Tantalum and Tantalum Alloy Rod and Wire, Specification for, **B365 (02.04)**
Tantalum and Tantalum Alloy Seamless and Welded Tubes, Specification for, **B521 (02.04)**
Unalloyed Tantalum for Surgical Implant Applications (UNS R05200, UNS R05400), Specification for, **F560 (13.01)**

UNS R05240 (TA-40 Nb (Cb) alloy)
Tantalum and Tantalum Alloy Plate, Sheet, and Strip, Specifica- tion for, **B708 (02.04)**
Tantalum and Tantalum Alloy Rod and Wire, Specification for, **B365 (02.04)**

Tantalum and Tantalum Alloy Seamless and Welded Tubes, Specification for, **B521 (02.04)**

NS R05252 (97.5 Ta-2.5W)

Tantalum and Tantalum Alloy Ingots, Specification for, **B364 (02.04)**

Tantalum and Tantalum Alloy Plate, Sheet, and Strip, Specification for, **B708 (02.04)**

Tantalum and Tantalum Alloy Rod and Wire, Specification for, **B365 (02.04)**

Tantalum and Tantalum Alloy Seamless and Welded Tubes, Specification for, **B521 (02.04)**

NS R05255 (90Ta-10W)

Tantalum and Tantalum Alloy Ingots, Specification for, **B364 (02.04)**

Tantalum and Tantalum Alloy Plate, Sheet, and Strip, Specification for, **B708 (02.04)**

Tantalum and Tantalum Alloy Rod and Wire, Specification for, **B365 (02.04)**

Tantalum and Tantalum Alloy Seamless and Welded Tubes, Specification for, **B521 (02.04)**

NS R05400 (Ta, unalloyed, sintered)

Tantalum and Tantalum Alloy Ingots, Specification for, **B364 (02.04)**

Tantalum and Tantalum Alloy Plate, Sheet, and Strip, Specification for, **B708 (02.04)**

Tantalum and Tantalum Alloy Rod and Wire, Specification for, **B365 (02.04)**

Tantalum and Tantalum Alloy Seamless and Welded Tubes, Specification for, **B521 (02.04)**

Unalloyed Tantalum for Surgical Implant Applications (UNS R05200, UNS R05400), Specification for, **F560 (13.01)**

NS R07005 (tungsten)

Round Wire for Winding Electron Tube Grid Laterals, Specification for, **F290 (10.04)**

Tungsten Wire for Electron Devices and Lamps, Specification for, **F288 (10.04)**

NS R07031 (tungsten/rhenium alloy)

Tungsten-Rhenium Alloy Wire for Electron Devices and Lamps, Specification for, **F73 (10.04)**

NS R20033 (Cr-Ni-Fe-Mo austenitic stainless steel, Alloy 33)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, and UNS R20033 Alloy Pipe Flanges, Specification for, **B462 (02.04)**

Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr-Fe-Mo-N Alloy (UNS N08936) Wire, Specification for, **B649 (02.04)**

Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

NS R20500 (chromium-nickel alloy)

Castings, Chromium-Nickel Alloy, Specification for, **A560/A560M (01.02)**

NS R20600 (chromium-nickel alloy)

Castings, Chromium-Nickel Alloy, Specification for, **A560/A560M (01.02)**

UNS R20990 (chromium metal)

Chromium Metal, Specification for, **A481 (01.02)**

UNS R20994 (chromium metal)

Chromium Metal, Specification for, **A481 (01.02)**

UNS R30003

Wrought Seamless and Welded and Drawn Cobalt Alloy Small Diameter Tubing for Surgical Implants (UNS R30003, UNS R30008, UNS R30035, UNS R30605, and UNS R31537), Specification for, **F2527 (13.01)**

UNS R30005 (Co-Ni-Cr-Mo alloy, MP-35-N)

Wrought Iron-Cobalt High Magnetic Saturation Alloys (UNS R30005 and K92650), Specification for, **A801 (03.04)**

UNS R30008

Wrought Seamless and Welded and Drawn Cobalt Alloy Small Diameter Tubing for Surgical Implants (UNS R30003, UNS R30008, UNS R30035, UNS R30605, and UNS R31537), Specification for, **F2527 (13.01)**

UNS R30035 (Co-Ni-Cr-Mo alloy, MP-35-N)

35Cobalt-35Nickel-20Chromium-10Molybdenum Alloy Forgings for Surgical Implants (UNS R30035), Specification for, **F961 (13.01)**

Wrought 35Cobalt-35Nickel-20Chromium-10Molybdenum Alloy for Surgical Implant Applications (UNS R30035), Specification for, **F562 (13.01)**

Wrought Cobalt-35Nickel-20Chromium-10Molybdenum Alloy Plate, Sheet, and Foil for Surgical Implants (UNS R30035), Specification for, **F688 (13.01)**

Wrought Seamless and Welded and Drawn Cobalt Alloy Small Diameter Tubing for Surgical Implants (UNS R30003, UNS R30008, UNS R30035, UNS R30605, and UNS R31537), Specification for, **F2527 (13.01)**

UNS R3003 (cobalt alloy)

Wrought 40Cobalt-20Chromium-16Iron-15Nickel-7Molybdenum Alloy Wire and Strip for Surgical Implant Applications (UNS R30003 and UNS R30008), Specification for, **F1058 (13.01)**

UNS R30075 (Co-Cr-Mo alloy)

Cobalt-28 Chromium-6 Molybdenum Alloy Castings and Casting Alloy for Surgical Implants (UNS R30075), Specification for, **F75 (13.01)**

Cobalt-28Chromium-6Molybdenum Powder for Coating of Orthopedic Implants (UNS R30075), Specification for, **F1377 (13.01)**

UNS R3008 (cobalt alloy)

Wrought 40Cobalt-20Chromium-16Iron-15Nickel-7Molybdenum Alloy Wire and Strip for Surgical Implant Applications (UNS R30003 and UNS R30008), Specification for, **F1058 (13.01)**

UNS R30155 (Fe-Cr-Ni-Co alloy)

Precipitation Hardening Cobalt-Containing Alloys (UNS R30155 and UNS R30816) Rod, Bar, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B639 (02.04)**

UNS R30556 (Fe-Cr-Ni-Co alloy, HS 556)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Plate, Sheet, and Strip, Specification for, **B435 (02.04)**

UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Rod, Specification for, **B572 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS R30605 (Co-Cr-Ni-W alloy, L-605)

Wrought Cobalt-20Chromium-15Tungsten-10Nickel Alloy for Surgical Implant Applications (UNS R30605), Specification for, **F90 (13.01)**

Wrought Seamless and Welded and Drawn Cobalt Alloy Small

Diameter Tubing for Surgical Implants (UNS R30003, UNS R30008, UNS R30035, UNS R30605, and UNS R31537), Specification for, **F2527 (13.01)**

UNS R30816 (Co-Cr-Ni-Cb-Mo-W alloy)

Precipitation Hardening Cobalt-Containing Alloys (UNS R30155 and UNS R30816) Rod, Bar, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B639 (02.04)**

UNS R31233 (Co-Cr-Ni-Mo-W) (Ultimet alloy)

Cobalt-Chromium-Nickel-Molybdenum-Tungsten Alloy (UNS R31233) Plate, Sheet and Strip, Specification for, **B818 (02.04)**

Cobalt-Chromium-Nickel-Molybdenum-Tungsten Alloy (UNS R31233) Rod, Specification for, **B815 (02.04)**

UNS R31537 (Co-Cr-Mo alloy)

Cobalt-28Chromium-6Molybdenum Alloy Forgings for Surgical Implants (UNS R31537, R31538, R31539), Specification for, **F799 (13.01)**

Wrought Cobalt-28Chromium-6Molybdenum Alloys for Surgical Implants (UNS R31537, UNS R31538, and UNS R31539), Specification for, **F1537 (13.01)**

Wrought Seamless and Welded and Drawn Cobalt Alloy Small Diameter Tubing for Surgical Implants (UNS R30003, UNS R30008, UNS R30035, UNS R30605, and UNS R31537), Specification for, **F2527 (13.01)**

UNS R31538 (Co-Cr-Mo alloy)

Cobalt-28Chromium-6Molybdenum Alloy Forgings for Surgical Implants (UNS R31537, R31538, R31539), Specification for, **F799 (13.01)**

Wrought Cobalt-28Chromium-6Molybdenum Alloys for Surgical Implants (UNS R31537, UNS R31538, and UNS R31539), Specification for, **F1537 (13.01)**

UNS R31539 (Co-Cr-Mo alloy)

Cobalt-28Chromium-6Molybdenum Alloy Forgings for Surgical Implants (UNS R31537, R31538, R31539), Specification for, **F799 (13.01)**

Wrought Cobalt-28Chromium-6Molybdenum Alloys for Surgical Implants (UNS R31537, UNS R31538, and UNS R31539), Specification for, **F1537 (13.01)**

UNS R50250 (Ti, unalloyed)

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**

Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**

Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**

Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**

Seamless and Welded Unalloyed Titanium and Titanium Alloy Welding Fittings, Specification for, **B363 (02.04)**

Titanium Sponge, Specification for, **B299 (02.04)**

Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**

Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**

Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**

Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**

Unalloyed Titanium, for Surgical Implant Applications (UNS R50250, UNS R50400, UNS R50550, UNS R50700), Specification for, **F67 (13.01)**

UNS R50400 (Ti, unalloyed)

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**

Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**

Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**

Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**

Seamless and Welded Unalloyed Titanium and Titanium Alloy Welding Fittings, Specification for, **B363 (02.04)**

Titanium Sponge, Specification for, **B299 (02.04)**

Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**

Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**

Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**

Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**

Unalloyed Titanium, for Surgical Implant Applications (UNS R50250, UNS R50400, UNS R50550, UNS R50700), Specification for, **F67 (13.01)**

UNS R50550 (Ti, unalloyed)

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**

Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**

Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**

Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**

Seamless and Welded Unalloyed Titanium and Titanium Alloy Welding Fittings, Specification for, **B363 (02.04)**

Titanium Sponge, Specification for, **B299 (02.04)**

Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**

Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**

Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**

Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**

Unalloyed Titanium, for Surgical Implant Applications (UNS R50250, UNS R50400, UNS R50550, UNS R50700), Specification for, **F67 (13.01)**

UNS R50700 (Ti, unalloyed)

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**

Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**

Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**

Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**

Seamless and Welded Unalloyed Titanium and Titanium Alloy Welding Fittings, Specification for, **B363 (02.04)**

Titanium Sponge, Specification for, **B299 (02.04)**

Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**

Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**

Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**

Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**

Unalloyed Titanium, for Surgical Implant Applications (UNS

R50250, UNS R50400, UNS R50550, UNS R50700), Specification for, **F67 (13.01)**

NS R52250 (Ti, low-alloyed)
Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**
Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**
Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**
Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**
Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**

NS R52400 (Ti, low-alloyed)
Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**
Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**
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Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**

NS R52550 (Ti alloy)
Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**

NS R52700 (Ti alloy)
Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**

NS R53400 (Ti alloy)
Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**
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Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**
Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**

NS R54520 (Ti alloy)
Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**
Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**
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Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**

NS R56320 (Ti alloy)
Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**
Wrought Titanium-3Aluminum-2.5Vanadium Alloy Seamless Tubing for Surgical Implant Applications (UNS R56320), Specification for, **F2146 (13.01)**

NS R56400 (Ti alloy)
Alpha Plus Beta Titanium Alloy Forgings for Surgical Implants, Specification for, **F620 (13.01)**
Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**
Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**
Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**
Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**
Wrought Titanium-6Aluminum-4Vanadium Alloy for Surgical Implant Applications (UNS R56400), Specification for, **F1472 (13.01)**

UNS R56401 (Ti alloy)
Alpha Plus Beta Titanium Alloy Forgings for Surgical Implants, Specification for, **F620 (13.01)**
Wrought Titanium-6Aluminum-4Vanadium ELI (Extra Low Interstitial) Alloy for Surgical Implant Applications (UNS R56401), Specification for, **F136 (13.01)**

UNS R56700 (Ti-6 Al-7 Nb alloy)
Alpha Plus Beta Titanium Alloy Forgings for Surgical Implants, Specification for, **F620 (13.01)**
Wrought Titanium-6Aluminum-7Niobium Alloy for Surgical Implant Applications (UNS R56700), Specification for, **F1295 (13.01)**

UNS R58030 (Ti alloy)
Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**
Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**
Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**

UNS R58150 (Ti-15 Mo alloy)
Wrought Titanium-15 Molybdenum Alloy for Surgical Implant Applications (UNS R58150), Specification for, **F2066 (13.01)**

UNS R60001 (Zr/Zr alloy for nuclear applications)
Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F [360°C] or in Steam at 750°F [400°C], Test Method for, **G2/G2M (02.04)**
Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**
Hot-Rolled and Cold-Finished Zirconium and Zirconium Alloy Bars, Rod, and Wire for Nuclear Application, Specification for, **B351/B351M (02.04)**
Wrought Zirconium and Zirconium Alloy Seamless and Welded Tubes for Nuclear Service (Except Nuclear Fuel Cladding), Specification for, **B353 (02.04)**
Zirconium and Zirconium Alloy Ingots for Nuclear Application, Specification for, **B350/B350M (02.04)**
Zirconium and Zirconium Alloy Sheet, Strip, and Plate for Nuclear Application, Specification for, **B352/B352M (02.04)**

UNS R60702 (Zr/Zr alloy for nonnuclear applications)
Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F [360°C] or in Steam at 750°F [400°C], Test Method for, **G2/G2M (02.04)**
Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**
Primary Zirconium, Specification for, **B494/B494M (02.04)**
Seamless and Welded Zirconium and Zirconium Alloy Pipe, Specification for, **B658/B658M (02.04)**
Seamless and Welded Zirconium and Zirconium Alloy Tubes, Specification for, **B523/B523M (02.04)**
Zirconium and Zirconium Alloy Bar and Wire, Specification for, **B550/B550M (02.04)**
Zirconium and Zirconium Alloy Forgings, Specification for, **B493/B493M (02.04)**
Zirconium and Zirconium Alloy Ingots, Specification for, **B495 (02.04)**
Zirconium and Zirconium Alloy Strip, Sheet, and Plate, Specification for, **B551/B551M (02.04)**

UNS R60703 (Zr/Zr alloy for nonnuclear applications)
Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F [360°C] or in Steam at 750°F [400°C], Test Method for, **G2/G2M (02.04)**
Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**
Primary Zirconium, Specification for, **B494/B494M (02.04)**
Seamless and Welded Zirconium and Zirconium Alloy Tubes, Specification for, **B523/B523M (02.04)**

UNS R60703 (Zr/Zr alloy for nonnuclear applications)

Zirconium and Zirconium Alloy Bar and Wire, Specification for, **B550/B550M (02.04)**
Zirconium and Zirconium Alloy Ingots, Specification for, **B495 (02.04)**
Zirconium and Zirconium Alloy Strip, Sheet, and Plate, Specification for, **B551/B551M (02.04)**

UNS R60704 (Zr/Zr alloy for nonnuclear applications)

Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F [360°C] or in Steam at 750°F [400°C], Test Method for, **G2/G2M (02.04)**
Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**
Seamless and Welded Zirconium and Zirconium Alloy Tubes, Specification for, **B523/B523M (02.04)**
Zirconium and Zirconium Alloy Bar and Wire, Specification for, **B550/B550M (02.04)**
Zirconium and Zirconium Alloy Forgings, Specification for, **B493/B493M (02.04)**
Zirconium and Zirconium Alloy Ingots, Specification for, **B495 (02.04)**
Zirconium and Zirconium Alloy Strip, Sheet, and Plate, Specification for, **B551/B551M (02.04)**

UNS R60705 (Zr/Zr alloy for nonnuclear applications)

Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F [360°C] or in Steam at 750°F [400°C], Test Method for, **G2/G2M (02.04)**
Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**
Seamless and Welded Zirconium and Zirconium Alloy Tubes, Specification for, **B523/B523M (02.04)**
Zirconium and Zirconium Alloy Bar and Wire, Specification for, **B550/B550M (02.04)**
Zirconium and Zirconium Alloy Forgings, Specification for, **B493/B493M (02.04)**
Zirconium and Zirconium Alloy Ingots, Specification for, **B495 (02.04)**
Zirconium and Zirconium Alloy Strip, Sheet, and Plate, Specification for, **B551/B551M (02.04)**

UNS R60802 (Zr/Zr alloy for nuclear applications)

Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F [360°C] or in Steam at 750°F [400°C], Test Method for, **G2/G2M (02.04)**
Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**
Hot-Rolled and Cold-Finished Zirconium and Zirconium Alloy Bars, Rod, and Wire for Nuclear Application, Specification for, **B351/B351M (02.04)**
Wrought Zirconium and Zirconium Alloy Seamless and Welded Tubes for Nuclear Service (Except Nuclear Fuel Cladding), Specification for, **B353 (02.04)**
Zirconium and Zirconium Alloy Ingots for Nuclear Application, Specification for, **B350/B350M (02.04)**
Zirconium and Zirconium Alloy Sheet, Strip, and Plate for Nuclear Application, Specification for, **B352/B352M (02.04)**

UNS R60804 (Zr/Zr alloy for nuclear applications)

Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F [360°C] or in Steam at 750°F [400°C], Test Method for, **G2/G2M (02.04)**
Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**
Hot-Rolled and Cold-Finished Zirconium and Zirconium Alloy Bars, Rod, and Wire for Nuclear Application, Specification for, **B351/B351M (02.04)**
Wrought Zirconium and Zirconium Alloy Seamless and Welded Tubes for Nuclear Service (Except Nuclear Fuel Cladding), Specification for, **B353 (02.04)**
Zirconium and Zirconium Alloy Ingots for Nuclear Application, Specification for, **B350/B350M (02.04)**
Zirconium and Zirconium Alloy Sheet, Strip, and Plate for Nuclear Application, Specification for, **B352/B352M (02.04)**

UNS R60901

Wrought Zirconium-2.5Niobium Alloy for Surgical Implant Applications (UNS R60901), Specification for, **F2384 (13.01)**

UNS R60901 (Zr/Zr alloy for nuclear applications)

Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F [360°C] or in Steam at 750°F [400°C], Test Method for, **G2/G2M (02.04)**
Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**
Hot-Rolled and Cold-Finished Zirconium and Zirconium Alloy Bars, Rod, and Wire for Nuclear Application, Specification for, **B351/B351M (02.04)**
Wrought Zirconium and Zirconium Alloy Seamless and Welded Tubes for Nuclear Service (Except Nuclear Fuel Cladding), Specification for, **B353 (02.04)**
Zirconium and Zirconium Alloy Ingots for Nuclear Application, Specification for, **B350/B350M (02.04)**
Zirconium and Zirconium Alloy Sheet, Strip, and Plate for Nuclear Application, Specification for, **B352/B352M (02.04)**

UNS S29108 (wrought nitrogen strengthened 23 Mn-21 Cr-1 M low-nickel stainless steel alloy)

Wrought, Nitrogen Strengthened 23Manganese-21Chromium-1Molybdenum Low-Nickel Stainless Steel Alloy Bar and Wire for Surgical Implants (UNS S29108), Specification for **F2229 (13.01)**

UNS S31673 (Cr-Ni-Mo stainless steel (Surgical implant 316L))

Wrought 18Chromium-14Nickel-2.5Molybdenum Stainless Steel Bar and Wire for Surgical Implants (UNS S31673), Specification for, **F138 (13.01)**
Wrought 18Chromium-14Nickel-2.5Molybdenum Stainless Steel Sheet and Strip for Surgical Implants (UNS S31673), Specification for, **F139 (13.01)**

UNS S44003 (hardenable Cr stainless steel)

Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**

UNS S44004 (hardenable Cr stainless steel)

Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**

UNS T11350 (bearing steel)

Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**

UNS Z30500 (Zn alloy)

Zinc Alloys in Ingot Form for Slush Casting, Specification for, **B792 (02.04)**

UNS Z33520 (Zn alloy AG40A)

Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings, Specification for, **B86 (02.04)**

UNS Z33521 (Zn alloy AG40A)

Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form for Foundry and Die Castings, Specification for, **B240 (02.04)**

UNS Z33522 (Zn alloy)

Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form for Foundry and Die Castings, Specification for, **B240 (02.04)**

UNS Z33530 (Zn alloy AC41A)

Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form for Foundry and Die Castings, Specification for, **B240 (02.04)**

UNS Z34510 (Zn alloy)

Zinc Alloys in Ingot Form for Slush Casting, Specification for, **B792 (02.04)**

UNS Z35523 (Zn alloy, AG40B)

Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings, Specification for, **B86 (02.04)**

UNS Z35531 (Zn alloy AC41A)

Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings, Specification for, **B86 (02.04)**

NS Z35540 (Zn alloy, AC43A)
Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form for Foundry and Die Castings, Specification for, **B240 (02.04)**
NS Z35541 (Zn alloy, AC43A)
Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings, Specification for, **B86 (02.04)**
NS Z35542 (Zn alloy)
Zinc Casting Alloy Ingot for Sheet Metal Forming Dies and Plastic Injection Molds, Specification for, **B793 (02.04)**
UNS Z35543 (Zn alloy)
Zinc Casting Alloy Ingot for Sheet Metal Forming Dies and Plastic Injection Molds, Specification for, **B793 (02.04)**
UNS Z38510 (Zn coating alloy)
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Master Alloys Used in Making Zinc Die Casting Alloys, Specification for, **B327 (02.04)**
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A206 Withdrawn 1953; Specification for Seamless Ferritic Alloy-Steel Pipe for HIgh-Temperature Service; Replaced by A335

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A211 Withdrawn 1993; Specification for Spiral-Welded Steel or Iron Pipe

A212 Withdrawn 1967; Specification for High Tensile Strength Carbon-Silicon Steel Plates for Boilers and Other Pressure Vessels; Replaced by A515, A516

A213/A213M-09a Specification for Seamless Ferritic and Austenitic Alloy-Steel Boiler, Superheater, and Heat-Exchanger Tubes, **01.01**

A214/A214M-96(2005) Specification for Electric-Resistance-Welded Carbon Steel Heat-Exchanger and Condenser Tubes, **01.01**

A215 Withdrawn 1947; Specification for Mild-to-Medium-Strength Carbon-Steel Castings for General Application; Replaced by A27

A216/A216M-08 Specification for Steel Castings, Carbon, Suitable for Fusion Welding, for High-Temperature Service, **01.02**

A217/A217M-08 Specification for Steel Castings, Martensitic Stainless and Alloy, for Pressure-Containing Parts, Suitable for High-Temperature Service, **01.02**

A218 Withdrawn 1963; Specification for Zinc-Coated Steel Wire Strand (Class B and Class C Coatings); Replaced by A475

A219 Withdrawn 1972; Methods of Test for Local Thickness of Electrodeposited Coatings; Replaced by B244, B487, B499, B504, B529, B530

A220M Withdrawn 1999; Replaced by A220/A220M

A220/A220M-99(2009) Specification for Pearlitic Malleable Iron, **01.02**

A221 Withdrawn 1947; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application; Replaced by A296, A297

A222 Withdrawn 1947; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application; Replaced by A296, A297

A223 Withdrawn 1947; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application; Replaced by A296, A297

A224 Withdrawn 1969; Recommended Practice for Conducting Plant Corrosion Tests; Replaced by G4

A225/A225M-03(2007) Specification for Pressure Vessel Plates, Alloy Steel, Manganese-Vanadium-Nickel, **01.04**

A226/A226M Withdrawn 1997; Specification for Electric-Resistance-Welded Carbon Steel Boiler and Superheater Tubes for High-Pressure Service

A227/A227M-06 Specification for Steel Wire, Cold-Drawn for Mechanical Springs, **01.03**

A228/A228M-07 Specification for Steel Wire, Music Spring Quality, **01.03**

A229/A229M-99(2005) Specification for Steel Wire, Oil-Tempered for Mechanical Springs, **01.03**

A230/A230M-05 Specification for Steel Wire, Oil-Tempered Carbon Valve Spring Quality, **01.03**

A231/A231M-04 Specification for Chromium-Vanadium Alloy Steel Spring Wire, **01.03**

A232/A232M-05 Specification for Chromium-Vanadium Alloy Steel Valve Spring Quality Wire, **01.03**

A233 Withdrawn 1970; Specification for Mild Steel Covered Arc-Welding Electrodes

A234/A234M-07 Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Moderate and High Temperature Service, **01.01**

A235 Withdrawn 1975; Specification for Carbon Steel Forgings for General Industrial Use; Replaced by A668

A236 Withdrawn 1981; Specification for Carbon Steel Forgings for Railway Use

A237 Withdrawn 1975; Specification for Alloy Steel Forgings for General Industrial Use; Replaced by A668

A238 Withdrawn 1989; Specification for Forgings, Alloy Steel, for Railway Us Replaced by A730

A239-95(2009)$^{\varepsilon 1}$ Practice for Locating the Thinnest Spot in a Zinc (Galvanized) Coating on Iron or Steel Articles , **01.06**

A240/A240M-09b Specification for Chromium and Chromium-Nickel Stainles Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, **01.03**

A241 Withdrawn 1979; Specification for Hot-Worked High-Carbon Steel Tie Plates; Replaced by A67

A242/A242M-04(2009) Specification for High-Strength Low-Alloy Structural Steel, **01.04**

A243 Withdrawn 1975; Specification for Carbon and Alloy Steel Ring, Hollow Cylinder, and Disk Forgings for General Industrial Use; Replaced by A6

A244 Withdrawn 1947; Specification for Multiple-Wear Wrought Steel Wheel Replaced by A504

A245 Withdrawn 1972; Specification for Flat-Rolled Carbon Steel Sheets of Structural Quality; Replaced by A570, A611

A246 Withdrawn 1958; Specification for Light Gage Structural Quality Flat Rolled Carbon-Steel Sheets; Replaced by A245

A247-06$^{\varepsilon 1}$ Test Method for Evaluating the Microstructure of Graphite in Iron Castings, **01.02**

A248 Withdrawn 1972; Specification for Carbon-Steel and Alloy-Steel Bloom Billets, and Slabs for Forgings; Replaced by A273, A274

A249/A249M-08 Specification for Welded Austenitic Steel Boiler, Superheate Heat-Exchanger, and Condenser Tubes, **01.01**

A250/A250M-05 Specification for Electric-Resistance-Welded Ferritic Alloy-Steel Boiler and Superheater Tubes, **01.01**

A251 Withdrawn 1970; Specification for Iron and Steel Gas-Welding Rods; Replaced by A251

A252-98(2007) Specification for Welded and Seamless Steel Pipe Piles, **01.**

A253 Withdrawn 1962; Specification for Welded and Seamless Open-Hearth Iron Pipe

A254-97(2007) Specification for Copper-Brazed Steel Tubing, **01.01**

A255-07$^{\varepsilon 1}$ Test Methods for Determining Hardenability of Steel, **01.05**

A256 Withdrawn 1990; Method of Compression Testing of Cast Iron

A257 Withdrawn 1945; Methods of Permeability and Core Loss of Flat-Rolle Magnetic Materials using 28 cm Specimen; Replaced by A34

A258 Withdrawn 1945; Methods of Testing Magnetic Materials; Replaced by A34

A259 Withdrawn 1945; Methods of Testing Magnetic Materials; Replaced by A34

A260 Withdrawn 1966; Recommended Practice for Torsion Tests of Cast Iro

A261 Withdrawn 1959; Specification for Heat-Treated Carbon-Steel Bolting Material

A262-02a(2008) Practices for Detecting Susceptibility to Intergranular Attack Austenitic Stainless Steels, **01.03**

A263-09 Specification for Stainless Chromium Steel-Clad Plate, **01.04**

A264-09 Specification for Stainless Chromium-Nickel Steel-Clad Plate, **01.04**

A265-09 Specification for Nickel and Nickel-Base Alloy-Clad Steel Plate, **01.**

A266/A266M-03a(2008) Specification for Carbon Steel Forgings for Pressure Vessel Components, **01.05**

A267 Withdrawn 1954; Specification for Lead Coating (Hot-Dip) on Iron or Steel Hardware

A268/A268M-05a Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service, **01.01**

A269-08 Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service, **01.01**

A270-03a(2008)$^{\varepsilon 1}$ Specification for Seamless and Welded Austenitic and Ferritic/Austenitic Stainless Steel Sanitary Tubing, **01.01**

A271 Withdrawn 1999; Specification for Seamless Austenitic Chromium-Nick Steel Still Tubes for Refinery Service; Replaced by A213/A213M

A272 Withdrawn 1945; Method of Magnetic Particle Testing and Inspection Commercial Steel Castings; Replaced by E109

A273 Withdrawn 1975; Specification for Carbon-Steel Blooms, Billets, and Slabs for Forgings; Replaced by A711

A274 Withdrawn 1975; Specification for Alloy-Steel Blooms, Billets, and Slab for Forgings; Replaced by A711

A275/A275M-08 Practice for Magnetic Particle Examination of Steel Forging **01.05**

A276-08a Specification for Stainless Steel Bars and Shapes, **01.03**

A277 Withdrawn 1952; Specification for Malleable Iron Flanges, Pipe Fittings and Valve Parts for Railroad, Marine and Other Heavy Duty Service; Replaced by A338

A278M Withdrawn 2001; Replaced by A278/A278M

A278/A278M-01(2006) Specification for Gray Iron Castings for Pressure-Containing Parts for Temperatures Up to 650°F (350°C), **01.02**

A279 Withdrawn 1945; Method of Total Immersion Corrosion Test of Stainle Steels; Replaced by G31

A280 Withdrawn 1953; Specification for Seamless Ferritic Alloy-Steel Pipe f Service at High Temperatures; Replaced by A335

A281 Withdrawn 1947; Specification for Mild to Medium Strength Carbon-St Castings for General Application; Replaced by A27

A282 Withdrawn 1945; Specification for High-Strength Steel Castings for Structural Purposes; Replaced by A148

283/A283M-03(2007) Specification for Low and Intermediate Tensile Strength Carbon Steel Plates, **01.04**

284/A284M Withdrawn 1992; Specification for Low and Intermediate Tensile Strength Carbon-Silicon Steel Plates for Machine Parts and General Construction; Replaced by A283/A283M

285/A285M-03(2007) Specification for Pressure Vessel Plates, Carbon Steel, Low- and Intermediate-Tensile Strength, **01.04**

286 Withdrawn 1960; Specification for Heat-Treated Alloy-Steel Bars; Replaced by A434

287 Withdrawn 1955; Specification for Rolled Carbon-Steel Locomotive Frames

288-91(2008) Specification for Carbon and Alloy Steel Forgings for Magnetic Retaining Rings for Turbine Generators, **01.05**

289/A289M-97(2008) Specification for Alloy Steel Forgings for Nonmagnetic Retaining Rings for Generators, **01.05**

290/A290M-05 Specification for Carbon and Alloy Steel Forgings for Rings for Reduction Gears, **01.05**

291/A291M-05 Specification for Steel Forgings, Carbon and Alloy, for Pinions, Gears and Shafts for Reduction Gears, **01.05**

292 Withdrawn 1968; Specification for Carbon and Alloy Steel Forgings for Turbine Generator Rotors and Shafts; Replaced by A469

293 Withdrawn 1984; Specification for Steel Forgings, Carbon and Alloy, for Turbine Generator Rotors and Shafts; Replaced by A470

294 Withdrawn 1988; Specification for Alloy Steel Forgings for Turbine Wheels and Disks; Replaced by A471

295/A295M-05 Specification for High-Carbon Anti-Friction Bearing Steel, **01.05**

296 Withdrawn 1980; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium Nickel and Nickel-B Alloy Castings; Replaced by A743, A744

297/A297M-08a Specification for Steel Castings, Iron-Chromium and Iron-Chromium-Nickel, Heat Resistant, for General Application, **01.02**

298 Withdrawn 1970; Specification for Corrosion-Resistant Chromium and Chromium-Nickel Steel Covered Welding Electrodes; Replaced by A298

299/A299M-04 Specification for Pressure Vessel Plates, Carbon Steel, Manganese-Silicon, **01.04**

300 Withdrawn 1975; Specification for Notch Toughness Requirements for Normalized Steel Plates for Pressure Vessels

301 Withdrawn 1956; Specification for Chromium-Molybdenum Steel Plates for Boilers and Other Pressure Vessels; Replaced by A387

302/A302M-03(2007) Specification for Pressure Vessel Plates, Alloy Steel, Manganese-Molybdenum and Manganese-Molybdenum-Nickel, **01.04**

303 Withdrawn 1970; Specification for Hot-Rolled Carbon Steel Strip of Structural Quality; Replaced by A570

304-05$^{\varepsilon 2}$ Specification for Carbon and Alloy Steel Bars Subject to End-Quench Hardenability Requirements, **01.05**

305 Withdrawn 1968; Specification for Minimum Requirements for the Deformations of Deformed Steel Bars for Concrete Reinforcement; Replaced by A615, A616, A617

306 Withdrawn 1975; Specification for Carbon Steel Bars Subject to Mechanical Property Requirements; Replaced by A663, A675

307-07b Specification for Carbon Steel Bolts and Studs, 60 000 PSI Tensile Strength, **01.08**

308/A308M-06 Specification for Steel Sheet, Terne (Lead-Tin Alloy) Coated by the Hot-Dip Process, **01.06**

309-01(2007) Test Method for Weight and Composition of Coating on Terne Sheet by the Triple-Spot Test, **01.06**

310 Withdrawn 1949; Specification for Flat-Rolled Electrical Steel; Redesignated A345

311/A311M-04 Specification for Cold-Drawn, Stress-Relieved Carbon Steel Bars Subject to Mechanical Property Requirements, **01.05**

312/A312M-09 Specification for Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes, **01.01**

313/A313M-08 Specification for Stainless Steel Spring Wire, **01.03**

314-08 Specification for Stainless Steel Billets and Bars for Forging, **01.03**

315 Withdrawn 1952; Specification for Seamless Ferritic Alloy-Steel Pipe for Service at High Temperatures; Replaced by A335

316 Withdrawn 1969; Specification for Low-Alloy Steel Covered Filler Metal Arc-Welding Electrodes

317 Withdrawn 1975; Method of Macroetch Testing and Inspection of Steel Forgings; Replaced by E381

318 Withdrawn 1976; Method of Tension Testing and Inspection of Steel Spring Wire; Replaced by A370

319-71(2006) Specification for Gray Iron Castings for Elevated Temperatures for Non-Pressure Containing Parts, **01.02**

320/A320M-08 Specification for Alloy-Steel and Stainless Steel Bolting Materials for Low-Temperature Service, **01.01**

321 Withdrawn 2007; Specification for Steel Bars, Carbon, Quenched and Tempered

322-07 Specification for Steel Bars, Alloy, Standard Grades, **01.05**

323-05 Specification for Ferroboron, **01.02**

324-08 Specification for Ferrotitanium, **01.02**

325-09 Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength, **01.08**

325M-09 Specification for Structural Bolts, Steel, Heat Treated 830 MPa Minimum Tensile Strength (Metric), **01.08**

326 Withdrawn 1990; Specification for Zinc-Coated (Galvanized) High Tensile Steel Telephone and Telegraph Line Wire

327-91(2006) Test Methods for Impact Testing of Cast Irons, **01.02**

327M-91(2006) Test Methods for Impact Testing of Cast Irons (Metric), **01.02**

A328/A328M-07 Specification for Steel Sheet Piling, **01.04**

A329 Withdrawn 1965; Specification for Heat-Treated Steel Tires; Replaced by A551

A330 Withdrawn 1954; Methods and Definition for Mechanical Testing of Steel Products; Replaced by A370

A331 Withdrawn 2004; Specification for Steel Bars, Alloy, Cold-Finished

A332 Withdrawn 1965; Specification for Nickel-Chromium-Molybdenum Steel Bars for Springs; Replaced by A689

A333/A333M-05 Specification for Seamless and Welded Steel Pipe for Low-Temperature Service, **01.01**

A334/A334M-04a Specification for Seamless and Welded Carbon and Alloy-Steel Tubes for Low-Temperature Service, **01.01**

A335/A335M-06 Specification for Seamless Ferritic Alloy-Steel Pipe for High-Temperature Service, **01.01**

A336/A336M-09 Specification for Alloy Steel Forgings for Pressure and High-Temperature Parts, **01.05**

A337 Withdrawn 1955; Specification for Zinc-Coated Iron or Steel Chain-link Fence Fabric Galvanized before Weaving; Replaced by A392

A338-84(2009) Specification for Malleable Iron Flanges, Pipe Fittings, and Valve Parts for Railroad, Marine, and Other Heavy Duty Service at Temperatures Up to 650°F (345°C), **01.02**

A339 Withdrawn 1965; Specification for Iron Castings; Replaced by A536

A340-03a Terminology of Symbols and Definitions Relating to Magnetic Testing, **03.04**

A341/A341M-00(2005)$^{\varepsilon 1}$ Test Method for Direct Current Magnetic Properties of Materials Using D-C Permeameters and the Ballistic Test Methods, **03.04**

A342/A342M-04 Test Methods for Permeability of Feebly Magnetic Materials, **03.04**

A343/A343M-03(2008) Test Method for Alternating-Current Magnetic Properties of Materials at Power Frequencies Using Wattmeter-Ammeter-Voltmeter Method and 25-cm Epstein Test Frame, **03.04**

A344 Withdrawn 1977; Methods of Electrical and Mechanical Properties of Magnetic Materials; Replaced by A370, A712, A717, A718, A719, A720

A345-09 Specification for Flat-Rolled Electrical Steels for Magnetic Applications, **03.04**

A346 Withdrawn 1998; Test Method for Alternating-Current Magnetic Performance of Laminated Core Specimens Using the Dieterly Bridge Method

A347 Withdrawn 1996; Alternating Current Magnetic Properties ofMaterials Using the Dieterly Bridge Method with 25-cm Epstein Frame

A348/A348M-05 Test Method for Alternating Current Magnetic Properties of Materials Using the Wattmeter-Ammeter-Voltmeter Method, 100 to 10 000 Hz and 25-cm Epstein Frame, **03.04**

A349 Withdrawn 1984; Test Methods for Alternating-Current Magnetic Properties of Materials Using the Wattmeter-Ammeter-Voltmeter Method, 50 to 60 Hz and 50 cm Epstein Frame

A350/A350M-07 Specification for Carbon and Low-Alloy Steel Forgings, Requiring Notch Toughness Testing for Piping Components, **01.01**

A351/A351M-06 Specification for Castings, Austenitic, for Pressure-Containing Parts, **01.02**

A352/A352M-06 Specification for Steel Castings, Ferritic and Martensitic, for Pressure-Containing Parts, Suitable for Low-Temperature Service, **01.02**

A353/A353M-04 Specification for Pressure Vessel Plates, Alloy Steel, 9 Percent Nickel, Double-Normalized and Tempered, **01.04**

A354-07a Specification for Quenched and Tempered Alloy Steel Bolts, Studs, and Other Externally Threaded Fasteners, **01.08**

A355-89(2006) Specification for Steel Bars, Alloys, for Nitriding, **01.05**

A356/A356M-07 Specification for Steel Castings, Carbon, Low Alloy, and Stainless Steel, Heavy-Walled for Steam Turbines, **01.02**

A357 Withdrawn 1973; Specification for Pressure Vessel Plates, Alloy Steel, Five Percent Chromium, 0.5 percent Molybdenum; Replaced by A387

A358/A358M-08a Specification for Electric-Fusion-Welded Austenitic Chromium-Nickel Stainless Steel Pipe for High-Temperature Service and General Applications, **01.01**

A359 Withdrawn 1954; Methods and Definitions for Mechanical Testing of Structural Steel; Replaced by A370

A360 Withdrawn 1993; Method of Testing Chilled and White Iron Castings

A360M Withdrawn 1993; Method of Testing Chilled and White Iron Castings [Metric]

A361/A361M Withdrawn 1995; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process for Roofing and Siding

A362 Withdrawn 1977; Specification for Iron-Chromium and Iron-Chromium-Nickel Alloy Tubular Centrifugal Castings for General Applications

A363-03(2009)$^{\varepsilon 1}$ Specification for Zinc-Coated (Galvanized) Steel Overhead Ground Wire Strand, **01.06**

A364 Withdrawn 1959; Specification for Cold-Finished Heat-Treated Alloy-Steel Bars; Replaced by A434

A365 Withdrawn 1968; Specification for Cold-Rolled Carbon Steel, Drawing Quality, and Special Killed; Replaced by A619, A620

A366/A366M Withdrawn 2000; Specification for Commercial Steel (CS) Sheet, Carbon, (0.15 Maximum Percent) Cold-Rolled; Replaced by A1008/A1008M

A367-60(2005) Test Methods of Chill Testing of Cast Iron, **01.02**

A368-95a(2009) Specification for Stainless Steel Wire Strand, **01.03**

A369/A369M-06 Specification for Carbon and Ferritic Alloy Steel Forged and Bored Pipe for High-Temperature Service, **01.01**

A370-09a$^{\varepsilon 1}$ Test Methods and Definitions for Mechanical Testing of Steel Products, **01.01, 01.02, 01.03, 01.04, 01.05**

A371 Withdrawn 1969; Specification for Corrosion-Resisting Chromium and

Chromium-Nickel Steel Welding Rods and Bare Electrodes

A372/A372M-03(2008) Specification for Carbon and Alloy Steel Forgings for Thin-Walled Pressure Vessels, **01.05**

A373 Withdrawn 1966; Specification for Structural Steel for Welding; Combined with A 36

A374 Withdrawn 1971; Specification for High-Strength Low-Alloy Cold-Rolled Steel Sheets and Strip; Replaced by A606, A607

A375 Withdrawn 1971; Specification for High-Strength Low-Alloy Hot-Rolled Steel Sheets and Strip; Replaced by A606, A607

A376/A376M-06 Specification for Seamless Austenitic Steel Pipe for High-Temperature Central-Station Service, **01.01**

A377-03(2008)$^{\varepsilon 1}$ Index of Specifications for Ductile-Iron Pressure Pipe, **01.02**

A378 Withdrawn 1955; Specification for Flat-Rolled Electrical Steel; Replaced by A345

A379 Withdrawn 1955; Specification for Flat-Rolled Electrical Steel; Replaced by A345

A380-06 Practice for Cleaning, Descaling, and Passivation of Stainless Steel Parts, Equipment, and Systems, **01.03**

A381-96(2005) Specification for Metal-Arc-Welded Steel Pipe for Use With High-Pressure Transmission Systems, **01.01**

A382 Withdrawn 1971; Specification for Cold-Drawn Wrought Iron Heat-Exchanger and Condenser Tubes

A383 Withdrawn 1996; Specification for Axles, Railway, Carbon Steel, Untreated for Export and General Industrial Use

A384/A384M-07 Practice for Safeguarding Against Warpage and Distortion During Hot-Dip Galvanizing of Steel Assemblies, **01.06**

A385/A385M-09 Practice for Providing High-Quality Zinc Coatings (Hot-Dip), **01.06**

A386 Withdrawn 1984; Specification for Zinc Coating (Hot-Dip) on Assembled Steel Products; Combined with A 123

A387/A387M-06a Specification for Pressure Vessel Plates, Alloy Steel, Chromium-Molybdenum, **01.04**

A388/A388M-09 Practice for Ultrasonic Examination of Steel Forgings, **01.05**

A389/A389M-08 Specification for Steel Castings, Alloy, Specially Heat-Treated, for Pressure-Containing Parts, Suitable for High-Temperature Service, **01.02**

A390-06 Specification for Zinc-Coated (Galvanized) Steel Poultry Fence Fabric (Hexagonal and Straight Line), **01.06**

A391/A391M-07 Specification for Grade 80 Alloy Steel Chain, **01.05**

A392-07 Specification for Zinc-Coated Steel Chain-Link Fence Fabric, **01.06**

A393 Withdrawn 1974; Recommended Practice for Conducting Acidified Copper Sulfate Test for Intergranular Attack in Austenitic Stainless Steel; Replaced by A262

A394-08 Specification for Steel Transmission Tower Bolts, Zinc-Coated and Bare, **01.08**

A395M Withdrawn 1988; Replaced by A395/A395M

A395/A395M-99(2009) Specification for Ferritic Ductile Iron Pressure-Retaining Castings for Use at Elevated Temperatures, **01.02**

A396 Withdrawn 1965; Specification for High-Strength Ductile Iron Castings; Replaced by A536

A397 Withdrawn 1958; Specification for High Tensile Strength Carbon-Manganeses Steel Plates for Unfired Pressure Vessels

A398 Withdrawn 1969; Specification for Welding Rods and Covered Electrodes for Welding Cast Iron

A399 Withdrawn 1969; Specification for Surfacing Welding Rods and Electrodes

A400-69(2006) Practice for Steel Bars, Selection Guide, Composition, and Mechanical Properties, **01.05**

A401/A401M-03 Specification for Steel Wire, Chromium-Silicon Alloy, **01.03**

A402 Withdrawn 1958; Specification for Forged or Rolled Alloy Steel Pipe Flanges, Forged Fittings, and Valves and Parts Specially Heat Treated for High-Temperature Service

A403/A403M-07a Specification for Wrought Austenitic Stainless Steel Piping Fittings, **01.01**

A404 Withdrawn 1975; Specification for Forged or Rolled Alloy Steel Pipe Flanges, Forged Fittings, and Valves and Parts Specially Heat Treated for High-Temperature Service

A405 Withdrawn 1995; Specification for Seamless Ferritic Alloy-Steel Pipe Specially Heat Treated for High-Temperature Service

A406 Withdrawn 1965; Specification for High-Strength Structural Alloy Rivet Steel

A407-07 Specification for Steel Wire, Cold-Drawn, for Coiled-Type Springs, **01.03**

A407M Withdrawn 1989; Specification for Steel Wire, Cold-Drawn, for Coiled-Type Springs [Metric]

A408 Withdrawn 1968; Specification for Special Large Size Deformed Billet-Steel Bars for Concrete Reinforcement; Replaced by A615

A409/A409M-08a Specification for Welded Large Diameter Austenitic Steel Pipe for Corrosive or High-Temperature Service, **01.01**

A410 Withdrawn 1976; Specification for Pressure Vessel Plates, Alloy Steel, Chromium-Copper-Nickel-Aluminum

A411-08 Specification for Zinc-Coated (Galvanized) Low-Carbon Steel Armor Wire, **01.06**

A412 Withdrawn 1989; Specification for Stainless and Heat-Resisting Chromium-Nickel-Manganese Steel Plate, Sheet, and Strip

A413/A413M-07 Specification for Carbon Steel Chain, **01.05**

A414/A414M-07 Specification for Steel, Sheet, Carbon, for Pressure Vessels, **01.03**

A415 Withdrawn 1970; Specification for Hot-Rolled Carbon Steel Sheets, Commercial Quality; Replaced by A569

A416/A416M-06 Specification for Steel Strand, Uncoated Seven-Wire for Prestressed Concrete, **01.04**

A417 Withdrawn 2008; Specification for Steel Wire, Cold-Drawn, for Zig-Zag, Square-Formed, and Sinuous-Type Upholstery Spring Units

A417M Withdrawn 1989; Specification for Steel Wire, Cold-Drawn, for Zig-Za Square-Formed, and Sinuous-Type Upholstery Spring Units [Metric]

A418/A418M-09 Practice for Ultrasonic Examination of Turbine and Generato Steel Rotor Forgings, **01.05**

A419 Withdrawn 1971; Specification for Electric-Fusion (Arc)- Welded Wroug Iron Plate pipe

A420/A420M-07 Specification for Piping Fittings of Wrought Carbon Steel an Alloy Steel for Low-Temperature Service, **01.01**

A421/A421M-05 Specification for Uncoated Stress-Relieved Steel Wire for Prestressed Concrete, **01.04**

A422 Withdrawn 1994; Specification for Butt Welds in Still Tubes for Refinery Service

A423/A423M-95(2004) Specification for Seamless and Electric-Welded Low-Alloy Steel Tubes, **01.01**

A424/A424M-09 Specification for Steel, Sheet, for Porcelain Enameling, **01.0**

A425 Withdrawn 1970; Specification for Hot-Rolled Carbon Steel Strip, Commercial Quality; Replaced by A569

A426/A426M-08 Specification for Centrifugally Cast Ferritic Alloy Steel Pipe for High-Temperature Service, **01.01, 01.02**

A427-02(2007) Specification for Wrought Alloy Steel Rolls for Cold and Hot Reduction, **01.05**

A428/A428M-06 Test Method for Weight [Mass] of Coating on Aluminum-Coated Iron or Steel Articles, **01.06**

A429 Withdrawn 1976; Specification for Hot- and Cold-Finished Bars of Stainless and Heat-Resisting Chromium-Nickel-Manganese Steel; Replaced by A276

A430/A430M Withdrawn 1995; Specification for Austenitic Steel Forged and Bored Pipe for High-Temperature Service; Replaced by A312/A312M

A431 Withdrawn 1968; Specification for High-Strength Deformed Billet-Steel Bars for Concrete Reinforcement with 75,000 psi Minimum Yield Strengt Replaced by A615

A432 Withdrawn 1968; Specification for Deformed Billet Steel Bars for Concrete Reinforcement with 60,000 psi Minimum Yield Point; Replaced by A615

A433 Withdrawn 1972; Specification for Leaded, Carbon Steel Plates for Pressure Vessels

A434-06 Specification for Steel Bars, Alloy, Hot-Wrought or Cold-Finished, Quenched and Tempered, **01.05**

A435/A435M-90(2007) Specification for Straight-Beam Ultrasonic Examinatio of Steel Plates, **01.04**

A436-84(2006) Specification for Austenitic Gray Iron Castings, **01.02**

A437/A437M-06 Specification for Alloy-Steel Turbine-Type Bolting Material Specially Heat Treated for High-Temperature Service, **01.01**

A438 Withdrawn 2003; Test Method for Transverse Testing of Gray Cast Iron

A439-83(2009) Specification for Austenitic Ductile Iron Castings, **01.02**

A440 Withdrawn 1979; Specification for High-Strength Structural Steel

A441/A441M Withdrawn 1989; Specification for High-Strength Low-Alloy Structural Manganese Vanadium Steel; Replaced by A572/A572M

A442/A442M Withdrawn 1991; Specification for Pressure Vessel Plates, Carbon Steel, Improved Transition Properties

A443 Withdrawn 1966; Method of Notch Toughness of Turbine and Generato Steel Forgings; Combined with A 370

A444/A444M Withdrawn 1995; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process for Storm Sewer and Drainage Pipe Replaced by A929/A929M

A445 Withdrawn 1974; Specification for Ferritic Iron Castings for Valves, Flanges, Pipe Fittings, and Other Piping Components; Replaced by A395

A446/A446M Withdrawn 1994; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Structural (Physical) Quality; Replaced by A653/A653M and A924/A924M

A447/A447M-93(2007) Specification for Steel Castings, Chromium-Nickel-Iro Alloy (25-12 Class), for High-Temperature Service, **01.02**

A448 Withdrawn 1976; Specification for Nickel-Chromium-Iron Alloy Castings (35-15 Class) for High-Temperature Service

A449-07b Specification for Hex Cap Screws, Bolts and Studs, Steel, Heat Treated, 120/105/90 ksi Minimum Tensile Strength, General Use, **01.08**

A450/A450M-07 Specification for General Requirements for Carbon, Ferritic Alloy, and Austenitic Alloy Steel Tubes, **01.01**

A451/A451M-06 Specification for Centrifugally Cast Austenitic Steel Pipe for High-Temperature Service, **01.01, 01.02**

A452 Withdrawn 1995; Specification for Centrifugally Cast Austenitic Steel Cold-Wrought Pipe for High-Temperature Service

A453/A453M-08 Specification for High-Temperature Bolting Materials, with Expansion Coefficients Comparable to Austenitic Stainless Steels, **01.01**

A454 Withdrawn 1980; Specification for Steel Conveyor Chain

A455/A455M-03(2007) Specification for Pressure Vessel Plates, Carbon Ste High-Strength Manganese, **01.04**

A456/A456M-08 Specification for Magnetic Particle Examination of Large Crankshaft Forgings, **01.05**

A457 Withdrawn 1990; Specification for Hot-Worked, Hot-Cold-Worked, and Cold-Worked Alloy Steel Plate, Sheet, and Strip for High Strength at Elevated Temperatures

A458 Withdrawn 1991; Specification for Hot-Worked, Hot-Cold-Worked, and Cold-Worked Alloy Steel Bars for High Strength at Elevated Temperature

A459-08 Specification for Zinc-Coated Flat Steel Armoring Tape, **01.06**

A460-94(2004)$^{\varepsilon 1}$ Specification for Copper-Clad Steel Wire Strand, **01.06**

A461 Withdrawn 1971; Specification for Precipitation Hardening Alloy Bars, Forgings, and Forging Stock for High-Temperature Service; Replaced by A564, A637, A638, A639

A462 Withdrawn 1970; Method for Liquid Penetrant Inspection of Steel Forgings; Replaced by E165

A463/A463M-09 Specification for Steel Sheet, Aluminum-Coated, by the Hot-Dip Process, **01.06**

A464 Withdrawn 1968; Recommended Practice for Use of Magnetic Type Instruments for Measurement of Thickness of Hot-Dip Zinc Coatings on Iron and Steel; Replaced by A376

A465 Withdrawn 1975; Specification for Leaded Carbon Steel Forged Pipe Flanges and Parts for Pressure and General Service

A466/A466M-07 Specification for Weldless Chain, **01.05**

A467/A467M-07 Specification for Machine and Coil Chain, **01.05**

A468 Withdrawn 1969; Method of Normal Magnetic Induction Characteristics of Carbon and Alloy Steel Generator Rotor Forgings; Replaced by A6, A341

A469/A469M-07 Specification for Vacuum-Treated Steel Forgings for Generator Rotors, **01.05**

A470/A470M-05$^{\varepsilon 1}$ Specification for Vacuum-Treated Carbon and Alloy Steel Forgings for Turbine Rotors and Shafts, **01.05**

A471/A471M-09 Specification for Vacuum-Treated Alloy Steel Forgings for Turbine Rotor Disks and Wheels, **01.05**

A472/A472M-07 Specification for Heat Stability of Steam Turbine Shafts and Rotor Forgings, **01.05**

A473-01(2009) Specification for Stainless Steel Forgings, **01.03**

A474-03(2008) Specification for Aluminum-Coated Steel Wire Strand, **01.06**

A475-03(2009)$^{\varepsilon 1}$ Specification for Zinc-Coated Steel Wire Strand, **01.06**

A476M Withdrawn 2000; Replaced by A476/A476M

A476/A476M-00(2005) Specification for Ductile Iron Castings for Paper Mill Dryer Rolls, **01.02**

A477 Withdrawn 1991; Specification for Hot-Worked, Hot-Cold Worked and Cold-Worked Alloy Steel Forgings and Forging Billets for High Strength at Elevated Temperatures

A478-97(2008) Specification for Chromium-Nickel Stainless Steel Weaving and Knitting Wire, **01.03**

A479/A479M-08 Specification for Stainless Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels, **01.03**

A480/A480M-09 Specification for General Requirements for Flat-Rolled Stainless and Heat-Resisting Steel Plate, Sheet, and Strip, **01.03**

A481-05 Specification for Chromium Metal, **01.02**

A482-05 Specification for Ferrochrome-Silicon, **01.02**

A483-04 Specification for Silicomanganese, **01.02**

A484/A484M-08 Specification for General Requirements for Stainless Steel Bars, Billets, and Forgings, **01.03**

A485-03 Specification for High Hardenability Antifriction Bearing Steel, **01.05**

A486/A486M Withdrawn 1989; Specification for Steel Castings for Highway Bridges

A487/A487M-93(2007) Specification for Steel Castings Suitable for Pressure Service, **01.02**

A488/A488M-07 Practice for Steel Castings, Welding, Qualifications of Procedures and Personnel, **01.02**

A489-04$^{\varepsilon 1}$ Specification for Carbon Steel Lifting Eyes, **01.08**

A490-08b Specification for Structural Bolts, Alloy Steel, Heat Treated, 150 ksi Minimum Tensile Strength, **01.08**

A490M-09 Specification for High-Strength Steel Bolts, Classes 10.9 and 10.9.3, for Structural Steel Joints (Metric), **01.08**

A491-07 Specification for Aluminum-Coated Steel Chain-Link Fence Fabric, **01.06**

A492-95(2009) Specification for Stainless Steel Rope Wire, **01.03**

A493-09 Specification for Stainless Steel Wire and Wire Rods for Cold Heading and Cold Forging, **01.03**

A494/A494M-09 Specification for Castings, Nickel and Nickel Alloy, **01.02**

A495-06 Specification for Calcium-Silicon Alloys, **01.02**

A496/A496M-07 Specification for Steel Wire, Deformed, for Concrete Reinforcement, **01.04**

A497/A497M-07 Specification for Steel Welded Wire Reinforcement, Deformed, for Concrete, **01.04**

A498-06 Specification for Seamless and Welded Carbon Steel Heat-Exchanger Tubes with Integral Fins, **01.01**

A499-89(2008) Specification for Steel Bars and Shapes, Carbon Rolled from "T" Rails, **01.05**

A500/A500M-07 Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes, **01.01**

A501-07 Specification for Hot-Formed Welded and Seamless Carbon Steel Structural Tubing, **01.01**

A502-03 Specification for Rivets, Steel, Structural, **01.08**

A503/A503M-01(2006) Specification for Ultrasonic Examination of Forged Crankshafts, **01.05**

A504/A504M-08 Specification for Wrought Carbon Steel Wheels, **01.05**

A505-00(2005) Specification for Steel, Sheet and Strip, Alloy, Hot-Rolled and Cold-Rolled, General Requirements for, **01.03**

A506-05 Specification for Alloy and Structural Alloy Steel, Sheet and Strip, Hot-Rolled and Cold-Rolled, **01.03**

A507-06 Specification for Drawing Alloy Steel, Sheet and Strip, Hot-Rolled and Cold-Rolled, **01.03**

A508/A508M-05b Specification for Quenched and Tempered Vacuum-Treated Carbon and Alloy Steel Forgings for Pressure Vessels, **01.05**

A509 Withdrawn 1983; Definition of Terms Relating to Steel Forgings; Replaced by A788

A510-08 Specification for General Requirements for Wire Rods and Coarse Round Wire, Carbon Steel, **01.03**

A510M-08 Specification for General Requirements for Wire Rods and Coarse Round Wire, Carbon Steel (Metric), **01.03**

A511/A511M-08 Specification for Seamless Stainless Steel Mechanical Tubing, **01.01**

A512-06 Specification for Cold-Drawn Buttweld Carbon Steel Mechanical Tubing, **01.01**

A513-08a Specification for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing, **01.01**

A514/A514M-05 Specification for High-Yield-Strength, Quenched and Tempered Alloy Steel Plate, Suitable for Welding, **01.04**

A515/A515M-03(2007) Specification for Pressure Vessel Plates, Carbon Steel, for Intermediate- and Higher-Temperature Service, **01.04**

A516/A516M-06 Specification for Pressure Vessel Plates, Carbon Steel, for Moderate- and Lower-Temperature Service, **01.04**

A517/A517M-06 Specification for Pressure Vessel Plates, Alloy Steel, High-Strength, Quenched and Tempered, **01.04**

A518M Withdrawn 1999; Replaced by A518/A518M

A518/A518M-99(2008) Specification for Corrosion-Resistant High-Silicon Iron Castings, **01.02**

A519-06 Specification for Seamless Carbon and Alloy Steel Mechanical Tubing, **01.01**

A520 Withdrawn 2000; Specification for Supplementary Requirements for Seamless and Electric-Resistance-Welded Carbon Steel Tubular Products for High-Temperature Service Conforming to ISO Recommendations for Boiler Construction

A521/A521M-06 Specification for Steel, Closed-Impression Die Forgings for General Industrial Use, **01.05**

A522/A522M-07 Specification for Forged or Rolled 8 and 9% Nickel Alloy Steel Flanges, Fittings, Valves, and Parts for Low-Temperature Service, **01.01**

A523-96(2005) Specification for Plain End Seamless and Electric-Resistance-Welded Steel Pipe for High-Pressure Pipe-Type Cable Circuits, **01.01**

A524-96(2005) Specification for Seamless Carbon Steel Pipe for Atmospheric and Lower Temperatures, **01.01**

A525 Withdrawn 1994; Specification for General Requirements for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process; Replaced by A653/A653M, A924/A924M

A525M Withdrawn 1994; Specification for General Requirements for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process; Replaced by A653/A653M, A924/A924M

A526/A526M Withdrawn 1994; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Commercial Quality; Replaced by A653/A653M, A924/A924M

A527/A527M Withdrawn 1994; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Lock-Forming Quality; Replaced by A653/A653M, A924/A924M

A528/A528M Withdrawn 1994; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Drawing Quality; Replaced by A653/A653M, A924/A924M

A529/A529M-05 Specification for High-Strength Carbon-Manganese Steel of Structural Quality, **01.04**

A530/A530M-04a Specification for General Requirements for Specialized Carbon and Alloy Steel Pipe, **01.01**

A531/A531M-91(2006) Practice for Ultrasonic Examination of Turbine-Generator Steel Retaining Rings, **01.05**

A532/A532M-93a(2008) Specification for Abrasion-Resistant Cast Irons, **01.02**

A533/A533M-93(2004)$^{\varepsilon 1}$ Specification for Pressure Vessel Plates, Alloy Steel, Quenched and Tempered, Manganese-Molybdenum and Manganese-Molybdenum-Nickel, **01.04**

A534-04 Specification for Carburizing Steels for Anti-Friction Bearings, **01.05**

A535 Withdrawn 1998; Specification for Special-Quality Ball and Roller Bearing Steel

A536-84(2009) Specification for Ductile Iron Castings, **01.02**

A537/A537M-08 Specification for Pressure Vessel Plates, Heat-Treated, Carbon-Manganese-Silicon Steel, **01.04**

A538/A538M Withdrawn 1989; Specification for Pressure Vessel Plates, Alloy Steel, Precipitation Hardening (Maraging), 18 Percent Nickel

A539 Withdrawn 2004; Specification for Electric-Resistance-Welded Coiled Steel Tubing for Gas and Fuel Oil Lines

A540/A540M-06 Specification for Alloy-Steel Bolting Materials for Special Applications, **01.01**

A541/A541M-05 Specification for Quenched and Tempered Carbon and Alloy Steel Forgings for Pressure Vessel Components, **01.05**

A542/A542M-99(2004)$^{\varepsilon 1}$ Specification for Pressure Vessel Plates, Alloy Steel, Quenched-and-Tempered, Chromium-Molybdenum, and Chromium-Molybdenum-Vanadium, **01.04**

A543/A543M-93(2004)$^{\varepsilon 1}$ Specification for Pressure Vessel Plates, Alloy Steel, Quenched and Tempered Nickel-Chromium-Molybdenum, **01.04**

A544 Withdrawn 1991; Specification for Steel Wire, Carbon, Scrapless Nut Quality

A545 Withdrawn 1991; Specification for Steel Wire, Carbon, Cold-Heading Quality, for Machine Screws

A546 Withdrawn 1991; Specification for Steel Wire, Medium-High-Carbon, Cold-Heading Quality, for Hexagon-Head Bolts

A547 Withdrawn 1991; Specification for Steel Wire, Alloy, Cold-Heading Quality, for Hexagon-Head Bolts

A548 Withdrawn 1991; Specification for Steel Wire, Carbon, Cold-Heading Quality, for Tapping or Sheet Metal Screws

A549 Withdrawn 1991; Specification for Steel Wire, Carbon, Cold-Heading Quality, for Wood Screws
A550-06 Specification for Ferrocolumbium, **01.02**
A551/A551M-08 Specification for Carbon Steel Tires for Railway and Rapid Transit Applications, **01.05**
A552 Withdrawn 1974; Specification for Alloy Steel Bars for Springs; Replaced by A689
A553/A553M-06 Specification for Pressure Vessel Plates, Alloy Steel, Quenched and Tempered 8 and 9 % Nickel, **01.04**
A554-08a Specification for Welded Stainless Steel Mechanical Tubing, **01.01**
A555/A555M-05(2009) Specification for General Requirements for Stainless Steel Wire and Wire Rods, **01.03**
A556/A556M-96(2005) Specification for Seamless Cold-Drawn Carbon Steel Feedwater Heater Tubes, **01.01**
A557/A557M Withdrawn 1995; Specification for Electric-Resistance-Welded Carbon Steel Feedwater Heater Tubes; Replaced by A178
A558 Withdrawn 1969; Specification for Bare Mild Steel Electrodes and Fluxes for Submerged Arc Welding
A559 Withdrawn 1969; Specification for Mild Steel Electrodes for Gas Metal-Arc Welding
A560/A560M-05 Specification for Castings, Chromium-Nickel Alloy, **01.02**
A561-08 Practice for Macroetch Testing of Tool Steel Bars, **01.05**
A562/A562M-06 Specification for Pressure Vessel Plates, Carbon Steel, Manganese-Titanium for Glass or Diffused Metallic Coatings, **01.04**
A563-07a Specification for Carbons and Alloy Steel Nuts, **01.08**
A563M-07 Specification for Carbon and Alloy Steel Nuts [Metric], **01.08**
A564/A564M-04(2009) Specification for Hot-Rolled and Cold-Finished Age-Hardening Stainless Steel Bars and Shapes, **01.03**
A565/A565M-05a(2009) Specification for Martensitic Stainless Steel Bars for High-Temperature Service, **01.03**
A566 Withdrawn 1984; Test Method for Alternating-Current Magnetic Properties of Materials Using the Alternating Current Potentiometer and 25-cm Epstein frame
A567/A567M Withdrawn 1987; Specification for Castings, Iron, Cobalt, and Nickel-Base Alloy, for High Strength at Elevated Temperatures
A568M Withdrawn 1991; Replaced by A568/A568M
A568/A568M-09 Specification for Steel, Sheet, Carbon, Structural, and High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, General Requirements for, **01.03**
A569/A569M Withdrawn 2000; Specification for Steel, Carbon (0.15 Maximum, Percent), Hot-Rolled Sheet and Strip Commercial; Replaced by A1011/A1011M
A570/A570M Withdrawn 2000; Specification for Structural Steel, Sheet and Strip, Carbon, Hot-Rolled; Replaced by A1011/A1011M
A571M Withdrawn 2001; Replaced by A571/A571M
A571/A571M-01(2006) Specification for Austenitic Ductile Iron Castings for Pressure-Containing Parts Suitable for Low-Temperature Service, **01.02**
A572/A572M-07 Specification for High-Strength Low-Alloy Columbium-Vanadium Structural Steel, **01.04**
A573/A573M-05 Specification for Structural Carbon Steel Plates of Improved Toughness, **01.04**
A574-08 Specification for Alloy Steel Socket-Head Cap Screws, **01.08**
A574M-08 Specification for Alloy Steel Socket-Head Cap Screws [Metric], **01.08**
A575-96(2007) Specification for Steel Bars, Carbon, Merchant Quality, M-Grades, **01.05**
A576-90b(2006) Specification for Steel Bars, Carbon, Hot-Wrought, Special Quality, **01.05**
A577/A577M-90(2007) Specification for Ultrasonic Angle-Beam Examination of Steel Plates, **01.04**
A578/A578M-07 Specification for Straight-Beam Ultrasonic Examination of Rolled Steel Plates for Special Applications, **01.04**
A579/A579M-04a(2009) Specification for Superstrength Alloy Steel Forgings, **01.05**
A580/A580M-08 Specification for Stainless Steel Wire, **01.03**
A581/A581M-95b(2009) Specification for Free-Machining Stainless Steel Wire and Wire Rods, **01.03**
A582/A582M-05 Specification for Free-Machining Stainless Steel Bars, **01.03**
A583 Withdrawn 2004; Specification for Cast Steel Wheels for Railway Service
A584 Withdrawn 2002; Specification for Aluminum-Coated Steel Woven Wire Fence Fabric; Replaced by A116
A585 Withdrawn 2002; Specification for Aluminum-Coated Steel Barbed Wire; Replaced by A121
A586-04a(2009)$^{\varepsilon 1}$ Specification for Zinc-Coated Parallel and Helical Steel Wire Structural Strand, **01.06**
A587-96(2005) Specification for Electric-Resistance-Welded Low-Carbon Steel Pipe for the Chemical Industry, **01.01**
A588/A588M-05 Specification for High-Strength Low-Alloy Structural Steel, up to 50 ksi [345 MPa] Minimum Yield Point, with Atmospheric Corrosion Resistance, **01.04**
A589/A589M-06 Specification for Seamless and Welded Carbon Steel Water-Well Pipe, **01.01**
A590 Withdrawn 1984; Specification for Pressure Vessel Plates, Alloy Steel, Precipitation Hardening (Maraging) 12 Percent Nickel
A591/A591M Withdrawn 2005; Specification for Steel Sheet, Electrolytic Zinc-Coated, for Light Coating Weight Applications; Replaced by A879/A879M
A592/A592M-04(2009) Specification for High-Strength Quenched and Tempered Low-Alloy Steel Forged Fittings and Parts for Pressure Vessel, **01.05**
A593 Withdrawn 1976; Specification for Charpy V-Notch Testing Requirement for Steel Plates for Pressure Vessel
A594 Withdrawn 1986; Specification for Carbon Steel Forgings with Special Magnetic Characteristics
A595/A595M-06 Specification for Steel Tubes, Low-Carbon or High-Strength Low-Alloy, Tapered for Structural Use, **01.01**
A596/A596M-95(2009)$^{\varepsilon 1}$ Test Method for Direct-Current Magnetic Properties of Materials Using the Ballistic Method and Ring Specimens, **03.04**
A597-87(2004) Specification for Cast Tool Steel, **01.05**
A598/A598M-02(2007) Test Method for Magnetic Properties of Magnetic Amplifier Cores, **03.04**
A599/A599M-07 Specification for Tin Mill Products, Electrolytic Tin-Coated, Cold-Rolled Sheet, **01.06**
A600-92a(2004) Specification for Tool Steel High Speed, **01.05**
A601-05 Specification for Electrolytic Manganese Metal, **01.02**
A602-94(2009) Specification for Automotive Malleable Iron Castings, **01.02**
A603-98(2009)$^{\varepsilon 1}$ Specification for Zinc-Coated Steel Structural Wire Rope, **01.06**
A604/A604M-07 Practice for Macroetch Testing of Consumable Electrode Remelted Steel Bars and Billets, **01.05**
A605/A605M Withdrawn 1989; Specification for Pressure Vessel Plates, Alloy Steel, Quenched-and-Tempered Nickel-Cobalt-Molybdenum-Chromium
A606/A606M-09 Specification for Steel, Sheet and Strip, High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, with Improved Atmospheric Corrosion Resistance, **01.03**
A607 Withdrawn 2000; Specification for Steel, Sheet and Strip, High-Strength Low-Alloy, Columbium or Vanadium, or Both, Hot-Rolled and Cold-Rolled Replaced by A1008/A1008M, A1011/A1011M
A608/A608M-06 Specification for Centrifugally Cast Iron-Chromium-Nickel High-Alloy Tubing for Pressure Application at High Temperatures, **01.02**
A609/A609M-91(2007) Practice for Castings, Carbon, Low-Alloy, and Martensitic Stainless Steel, Ultrasonic Examination Thereof, **01.02**
A610-79(2004) Test Methods for Sampling and Testing Ferroalloys for Determination of Size, **01.02**
A611 Withdrawn 2000; Specification for Structural Steel (SS), Sheet, Carbon, Cold-Rolled; Replaced by A1008/A1008M
A612/A612M-03(2007) Specification for Pressure Vessel Plates, Carbon Steel High Strength, for Moderate and Lower Temperature Service, **01.04**
A613 Withdrawn 1984; Specification for Special Requirements for Steel Castings for Nuclear and Other Special Applications
A614 Withdrawn 1987; Specification for Special Requirements for Bolting Material for Nuclear and Other Special Applications
A615/A615M-09 Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement, **01.04**
A616/A616M Withdrawn 1999; Specification for Rail-Steel Deformed and Plain Bars for Concrete Reinforcement; Replaced by A996/A996M
A617/A617M Withdrawn 1999; Specification for Axle-Steel Deformed and Plain Bars for Concrete Reinforcement; Replaced by A996/A996M
A618/A618M-04 Specification for Hot-Formed Welded and Seamless High-Strength Low-Alloy Structural Tubing, **01.01**
A619/A619M Withdrawn 1997; Specification for Non-Killed Forming Steel (NKFS) Sheet, Carbon, Cold-Rolled
A620/A620M Withdrawn 2000; Specification for Drawing Steel (DS) Sheet, Carbon, Cold-Rolled; Replaced by A1008/A1008M
A621/A621M Withdrawn 1997; Specification for Forming Steel (FS) Sheet and Strip, Carbon, Hot-Rolled
A622/A622M Withdrawn 2000; Specification for Drawing Steel (DS), Sheet and Strip, Carbon, Hot-Rolled; Replaced by A1011/A1011M
A623-09 Specification for Tin Mill Products, General Requirements, **01.06**
A623M-09 Specification for Tin Mill Products, General Requirements [Metric], **01.06**
A624M Withdrawn 1995; Replaced by A624/A624M
A624/A624M-03(2008)$^{\varepsilon 1}$ Specification for Tin Mill Products, Electrolytic Tin Plate, Single Reduced, **01.06**
A625M Withdrawn 1992; Replaced by A625/A625M
A625/A625M-08 Specification for Tin Mill Products, Black Plate, Single-Reduced, **01.06**
A626M Withdrawn 1995; Replaced by A626/A626M
A626/A626M-03(2008)$^{\varepsilon 1}$ Specification for Tin Mill Products, Electrolytic Tin Plate, Double Reduced, **01.06**
A627-03 Specification for Homogeneous Tool-Resisting Steel Bars for Security Applications, **15.08**
A628 Withdrawn 1982; Specification for Tool-Resisting Composite Steel Plate for Security Applications
A629 Withdrawn 2004; Specification for Tool-Resisting Steel Flat Bars and Shapes for Security Applications; Replaced by A627
A630-03(2009) Test Methods for Determination of Tin Coating Weights for Electrolytic Tin Plate, **01.06**
A631 Withdrawn 1993; Specification for Cast Steel Wheels for Electrical Railway Service; Replaced by A583
A632-04 Specification for Seamless and Welded Austenitic Stainless Steel Tubing (Small-Diameter) for General Service, **01.01**
A633/A633M-01(2006) Specification for Normalized High-Strength Low-Alloy Structural Steel Plates, **01.04**
A634 Withdrawn 1978; Specification for Steel Sheet and Strip, Alloy, Hot-Rolled and Cold-Rolled, Aircraft Quality
A635M Withdrawn 1990; Replaced by A635/A635M
A635/A635M-09 Specification for Steel, Sheet and Strip, Heavy-Thickness

Coils, Hot-Rolled, Alloy, Carbon, Structural, High-Strength Low-Alloy, and High-Strength Low-Alloy with Improved Formability, General Requirements for, **01.03**

A636-08 Specification for Nickel Oxide Sinter, **01.02**

A637 Redesignated 1981 - B637; Specification for Precipitation Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service

A638/A638M-00(2004) Specification for Precipitation Hardening Iron Base Superalloy Bars, Forgings, and Forging Stock for High-Temperature Service, **01.03**

A639 Redesignated 1980 - B639; Specification for Precipitation Hardening Cobalt Containing Alloy Bars, Forgings and Forging Stock for High-Temperature Service

A640-97(2009)$^{\varepsilon 1}$ Specification for Zinc-Coated Steel Strand for Messenger Support of Figure 8 Cable, **01.06**

A641M Withdrawn 1997; Replaced by A641/A641M

A641/A641M-09a Specification for Zinc–Coated (Galvanized) Carbon Steel Wire, **01.06**

A642/A642M Withdrawn 1994; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Drawing Quality, Special Killed; Replaced by A653/A653M,A924/A924M

A643 Withdrawn 1982; Specification for Steel, Castings, Heavy-Walled, Carbon and Alloy for Pressure Vessels

A644-09a Terminology Relating to Iron Castings, **01.02**

A645/A645M-05 Specification for Pressure Vessel Plates, 5 % and 5 12 % Nickel Alloy Steels, Specially Heat Treated, **01.04**

A646/A646M-06 Specification for Premium Quality Alloy Steel Blooms and Billets for Aircraft and Aerospace Forgings, **01.05**

A647 Withdrawn 1982; Specification for Special Requirements for Steel Plates for Nuclear and Other Special Applications

A648-04a Specification for Steel Wire, Hard Drawn for Prestressing Concrete Pipe, **01.04**

A649/A649M-09 Specification for Forged Steel Rolls Used for Corrugating Paper Machinery, **01.05**

A650/A650M-03(2008) Specification for Tin Mill Products, Black Plate, Double Reduced, **01.06**

A651 Withdrawn 1987; Specification for Stainless Steel, Water-DWV Tube

A652 Withdrawn 1984; Specification for Special Requirements for Steel Plates for Wrought Steel Welding Fittings for Nuclear and Other Special Applications

A653/A653M-09 Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process, **01.06**

A654 Withdrawn 1984; Specification for Special Requirements for Steel Forgings and Bars for Nuclear and Other Special Applications

A655 Withdrawn 1984; Specification for Special Requirements for Pipe and Tubing for Nuclear and Other Special Applications

A656/A656M-05$^{\varepsilon 2}$ Specification for Hot-Rolled Structural Steel, High-Strength Low-Alloy Plate with Improved Formability, **01.04**

A657/A657M-03(2008)$^{\varepsilon 1}$ Specification for Tin Mill Products, Black Plate Electrolytic Chromium-Coated, Single and Double Reduced, **01.06**

A658/A658M Withdrawn 1989; Specification for Pressure Vessel Plates, Alloy Steel, 36 Percent Nickel

A659/A659M-08 Specification for Commercial Steel (CS), Sheet and Strip, Carbon (0.16 Maximum to 0.25 Maximum Percent), Hot-Rolled, **01.03**

A660-96(2005) Specification for Centrifugally Cast Carbon Steel Pipe for High-Temperature Service, **01.02**

A661 Not Assigned

A662/A662M-03(2007) Specification for Pressure Vessel Plates, Carbon-Manganese-Silicon Steel, for Moderate and Lower Temperature Service, **01.04**

A663/A663M-89(2006) Specification for Steel Bars, Carbon, Merchant Quality, Mechanical Properties, **01.05**

A664-06$^{\varepsilon 1}$ Practice for Identification of Standard Electrical Steel Grades in ASTM Specifications, **03.04**

A665 Withdrawn 1988; Specification for Flat-Rolled, Grain-Oriented, Silicon-Iron, Electrical Steel, Fully Processed, Types 23g048, 27g053, 30g058, and 35g066 [Metric]; Replaced by A876/A876M

A665M Withdrawn 1988; Specification for Flat-Rolled, Grain-Oriented, Silicon-Iron, Electrical Steel, Fully Processed, Types 23g048, 27g053, 30g058, and 35g066 [Metric]; Replaced by A876/A876M

A666-03 Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar, **01.03**

A667/A667M-87(2008) Specification for Centrifugally Cast Dual Metal (Gray and White Cast Iron) Cylinders, **01.02**

A668/A668M-04 Specification for Steel Forgings, Carbon and Alloy, for General Industrial Use, **01.05**

A669 Withdrawn 1984; Specification for Seamless Ferritic-Austenitic Alloy Steel Tubes; Replaced by A789

A670 Redesignated 1979 - B670; Specification for Precipitation Hardening Nickel Alloy (UNS N07718) Plate, Sheet, and Striip for High-Temperature Service

A671-06 Specification for Electric-Fusion-Welded Steel Pipe for Atmospheric and Lower Temperatures, **01.01**

A672-08 Specification for Electric-Fusion-Welded Steel Pipe for High-Pressure Service at Moderate Temperatures, **01.01**

A673/A673M-07 Specification for Sampling Procedure for Impact Testing of Structural Steel, **01.04**

A674-05 Practice for Polyethylene Encasement for Ductile Iron Pipe for Water or Other Liquids, **01.02**

A675/A675M-03(2009) Specification for Steel Bars, Carbon, Hot-Wrought, Special Quality, Mechanical Properties, **01.05**

A676 Withdrawn 1990; Specification for Hot-Dipped Aluminum Coatings on Ferrous Articles

A677-07 Specification for Nonoriented Electrical Steel Fully Processed Types, **03.04**

A677M Withdrawn 2000; Replaced by A677/A677M

A678/A678M-05 Specification for Quenched-and-Tempered Carbon and High-Strength Low-Alloy Structural Steel Plates, **01.04**

A679/A679M-06 Specification for Steel Wire, High Tensile Strength, Cold Drawn, **01.03**

A680/A680M Withdrawn 1986; Specification for Steel, Strip, High-Carbon, Cold-Rolled Hard, Untempered Quality; Replaced by A684/A684M

A681-08 Specification for Tool Steels Alloy, **01.05**

A682/A682M-05 Specification for Steel, Strip, High-Carbon, Cold-Rolled, General Requirements For, **01.03**

A683-05$^{\varepsilon 1}$ Specification for Nonoriented Electrical Steel, Semiprocessed Types, **03.04**

A683M Withdrawn 1999; Replaced by A683/A683M

A684/A684M-08 Specification for Steel, Strip, High-Carbon, Cold-Rolled, **01.03**

A685 Withdrawn 1986; Specification for Machined Flat and Square Tool Steel Bars; Replaced by A681

A686-92(2004) Specification for Tool Steel, Carbon, **01.05**

A687 Withdrawn 1999; Specification for High-Strength Nonheaded Steel Bolts and Studs

A688/A688M-08 Specification for Welded Austenitic Stainless Steel Feedwater Heater Tubes, **01.01**

A689-97(2007)$^{\varepsilon 1}$ Specification for Carbon and Alloy Steel Bars for Springs, **01.05**

A690/A690M-07 Specification for High-Strength Low-Alloy Nickel, Copper, Phosphorus Steel H-Piles and Sheet Piling with Atmospheric Corrosion Resistance for Use in Marine Environments, **01.04**

A691-98(2007) Specification for Carbon and Alloy Steel Pipe, Electric-Fusion-Welded for High-Pressure Service at High Temperatures, **01.01**

A692 Withdrawn 1995; Specification for Seamless Medium-Strength Carbon-Molybdenum Alloy-Steel Boiler and Superheater Tubes; Replaced by A209

A693-06 Specification for Precipitation-Hardening Stainless and Heat-Resisting Steel Plate, Sheet, and Strip, **01.03**

A694/A694M-08 Specification for Carbon and Alloy Steel Forgings for Pipe Flanges, Fittings, Valves, and Parts for High-Pressure Transmission Service, **01.01**

A695 Withdrawn 2002; Specification for Steel Bars, Carbon, Hot-Wrought, Special Quality, for Fluid Power Applications

A696-90a(2006) Specification for Steel Bars, Carbon, Hot-Wrought or Cold-Finished, Special Quality, for Pressure Piping Components, **01.05**

A697/A697M-03(2008) Test Method for Alternating Current Magnetic Properties of Laminated Core Specimen Using Voltmeter-Ammeter-Wattmeter Methods, **03.04**

A698/A698M-07 Test Method for Magnetic Shield Efficiency in Attenuating Alternating Magnetic Fields, **03.04**

A699 Withdrawn 1986; Specification for Low-Carbon Manganese-Molybdenum-Columbium Alloy Steel Plates

A700-05 Practices for Packaging, Marking, and Loading Methods for Steel Products for Shipment, **01.05**

A701-05 Specification for Ferromanganese-Silicon, **01.02**

A702-89(2006) Specification for Steel Fence Posts and Assemblies, Hot Wrought, **01.05**

A703/A703M-08a Specification for Steel Castings, General Requirements, for Pressure-Containing Parts, **01.02**

A704/A704M-06 Specification for Welded Steel Plain Bar or Rod Mats for Concrete Reinforcement, **01.04**

A705/A705M-95(2009) Specification for Age-Hardening Stainless Steel Forgings, **01.03**

A706/A706M-09 Specification for Low-Alloy Steel Deformed and Plain Bars for Concrete Reinforcement, **01.04**

A707/A707M-02(2007) Specification for Forged Carbon and Alloy Steel Flanges for Low-Temperature Service, **01.01**

A708 Withdrawn 1989; Recommended Practice for Detection of Susceptibility to Intergranular Corrosion in Severely Sensitized Austenitic Stainless Steel

A709/A709M-09a Specification for Structural Steel for Bridges, **01.04**

A710/A710M-02(2007) Specification for Precipitation–Strengthened Low-Carbon Nickel-Copper-Chromium-Molybdenum-Columbium Alloy Structural Steel Plates, **01.04**

A711/A711M-07 Specification for Steel Forging Stock, **01.05**

A712-07 Test Method for Electrical Resistivity of Soft Magnetic Alloys, **03.04**

A713-04 Specification for Steel Wire, High-Carbon Spring, for Heat-Treated Components, **01.03**

A714-99(2009)$^{\varepsilon 1}$ Specification for High-Strength Low-Alloy Welded and Seamless Steel Pipe, **01.01**

A715 Withdrawn 2000; Specification for Steel Sheet and Strip, High-Strength, Low-Alloy, Hot-Rolled, and Steel Sheet, Cold-Rolled, High-Strength, Low-Alloy, with Improved Formability; Replaced by A1008/A1008M, A1011/A1011M

A716-08 Specification for Ductile Iron Culvert Pipe, **01.02**

A717/A717M-06 Test Method for Surface Insulation Resistivity of Single-Strip Specimens, **03.04**

A718 Withdrawn 1996; Test Method for Surface Insulation Resistivity of Multi-Strip Specimens

A719/A719M-02(2007) Test Method for Lamination Factor of Magnetic Materials, **03.04**

A720/A720M-02(2007) Test Method for Ductility of Nonoriented Electrical Steel, **03.04**
A721/A721M-02(2007) Test Method for Ductility of Oriented Electrical Steel, **03.04**
A722/A722M-07 Specification for Uncoated High-Strength Steel Bars for Prestressing Concrete, **01.04**
A723/A723M-08 Specification for Alloy Steel Forgings for High-Strength Pressure Component Application, **01.05**
A724/A724M-04 Specification for Pressure Vessel Plates, Carbon-Manganese-Silicon Steel, Quenched and Tempered, for Welded Pressure Vessels, **01.04**
A725 Withdrawn 1988; Specification for Flat-Rolled, Grain-Oriented, Silicon Iron, Electrical Steel, Fully Processed, Types 27h076, 30h083, 35h094; Replaced by A876M
A725M Withdrawn 1988; Specification for Flat-Rolled, Grain-Oriented, Silicon Iron, Electrical Steel, Fully Processed, Types 27h076, 30h083, 35h094 [Metric]; Replaced by A876M
A726-05 Specification for Cold-Rolled Magnetic Lamination Quality Steel, Semiprocessed Types, **03.04**
A726M Withdrawn 1998; Specification for Cold-Rolled Magnetic Lamination Quality Steel, Semiprocessed Types [Metric]
A727/A727M-02(2007) Specification for Carbon Steel Forgings for Piping Components with Inherent Notch Toughness, **01.01**
A728 Not Assigned
A729/A729M-09 Specification for Alloy Steel Axles, Heat-Treated, for Mass Transit and Electric Railway Service, **01.05**
A730 Withdrawn 2004; Specification for Forgings, Carbon and Alloy Steel, for Railway Use; Replaced by A668
A731/A731M Withdrawn 1995; Specification for Seamless, Welded Ferritic, and Martensitic Stainless Steel Pipe; Replaced by A268
A732/A732M-09 Specification for Castings, Investment, Carbon and Low Alloy Steel for General Application, and Cobalt Alloy for High Strength at Elevated Temperatures, **01.02**
A733-03(2009)$^{\varepsilon 1}$ Specification for Welded and Seamless Carbon Steel and Austenitic Stainless Steel Pipe Nipples, **01.01**
A734/A734M-87a(2007) Specification for Pressure Vessel Plates, Alloy Steel and High-Strength Low-Alloy Steel, Quenched-and-Tempered, **01.04**
A735/A735M-03(2007) Specification for Pressure Vessel Plates, Low-Carbon Manganese-Molybdenum-Columbium Alloy Steel, for Moderate and Lower Temperature Service, **01.04**
A736/A736M-03(2007) Specification for Pressure Vessel Plates, Low-Carbon Age-Hardening Nickel-Copper-Chromium-Molybdenum-Columbium and Nickel-Copper-Manganese-Molybdenum-Columbium Alloy Steel, **01.04**
A737/A737M-99(2004) Specification for Pressure Vessel Plates, High-Strength, Low-Alloy Steel, **01.04**
A738/A738M-07 Specification for Pressure Vessel Plates, Heat-Treated, Carbon-Manganese-Silicon Steel, for Moderate and Lower Temperature Service, **01.04**
A739-90a(2006) Specification for Steel Bars, Alloy, Hot-Wrought, for Elevated Temperature or Pressure-Containing Parts, or Both, **01.05**
A740-98(2008) Specification for Hardware Cloth (Woven or Welded Galvanized Steel Wire Fabric), **01.06**
A741-98(2009)$^{\varepsilon 1}$ Specification for Zinc-Coated Steel Wire Rope and Fittings for Highway Guardrail, **01.06**
A742/A742M-03(2008) Specification for Steel Sheet, Metallic Coated and Polymer Precoated for Corrugated Steel Pipe, **01.06**
A743/A743M-06 Specification for Castings, Iron-Chromium, Iron-Chromium-Nickel, Corrosion Resistant, for General Application, **01.02**
A744/A744M-06 Specification for Castings, Iron-Chromium-Nickel, Corrosion Resistant, for Severe Service, **01.02**
A745/A745M-94(2009) Practice for Ultrasonic Examination of Austenitic Steel Forgings, **01.05**
A746-09 Specification for Ductile Iron Gravity Sewer Pipe, **01.02**
A747/A747M-07 Specification for Steel Castings, Stainless, Precipitation Hardening, **01.02**
A748/A748M-87(2008) Specification for Statically Cast Chilled White Iron-Gray Iron Dual Metal Rolls for Pressure Vessel Use, **01.02**
A749M Withdrawn 1991; Replaced by A749/A749M
A749/A749M-08 Specification for Steel, Strip, Carbon and High-Strength, Low-Alloy, Hot-Rolled, General Requirements for, **01.03**
A750 Withdrawn 2004; Specification for Steel Air Ventillatilating Grille Units for Detention Areas
A751-08 Test Methods, Practices, and Terminology for Chemical Analysis of Steel Products, **01.01, 01.02, 01.03, 01.04, 01.05**
A752-04 Specification for General Requirements for Wire Rods and Coarse Round Wire, Alloy Steel, **01.03**
A752M-04 Specification for General Requirements for Wire Rods and Coarse Round Wire, Alloy Steel [Metric], **01.03**
A753-08 Specification for Wrought Nickel-Iron Soft Magnetic Alloys (UNS K94490, K94840, N14076, N14080), **03.04**
A754/A754M-08 Test Method for Coating Weight (Mass) of Metallic Coatings on Steel by X-Ray Fluorescence, **01.06**
A755/A755M-03(2008) Specification for Steel Sheet, Metallic Coated by the Hot-Dip Process and Prepainted by the Coil-Coating Process for Exterior Exposed Building Products, **01.06**
A756-94(2001) Specification for Stainless Anti-Friction Bearing Steel, **01.05**
A757/A757M-00(2004) Specification for Steel Castings, Ferritic and Martensitic, for Pressure-Containing and Other Applications, for Low-Temperature Service, **01.02**
A758/A758M-00(2005) Specification for Wrought-Carbon Steel Butt-Welding Piping Fittings with Improved Notch Toughness, **01.01**
A759-00(2005) Specification for Carbon Steel Crane Rails, **01.04**
A760/A760M-09 Specification for Corrugated Steel Pipe, Metallic-Coated for Sewers and Drains, **01.06**
A761/A761M-04 Specification for Corrugated Steel Structural Plate, Zinc-Coated, for Field-Bolted Pipe, Pipe-Arches, and Arches, **01.06**
A762/A762M-08 Specification for Corrugated Steel Pipe, Polymer Precoated for Sewers and Drains, **01.06**
A763-93(2009) Practices for Detecting Susceptibility to Intergranular Attack in Ferritic Stainless Steels, **01.03**
A764-07 Specification for Metallic Coated Carbon Steel Wire, Coated at Size and Drawn to Size for Mechanical Springs, **01.03**
A765/A765M-07 Specification for Carbon Steel and Low-Alloy Steel Pressure-Vessel-Component Forgings with Mandatory Toughness Requirements, **01.05**
A766/A766M Withdrawn 1991; Specification for Forgings, Leaded, and Resulfurized Carbon Steel, for Pressure-Containing Applications
A767/A767M-09 Specification for Zinc-Coated (Galvanized) Steel Bars for Concrete Reinforcement, **01.04**
A768/A768M-05 Specification for Vacuum-Treated 12 % Chromium Alloy Steel Forgings for Turbine Rotors and Shafts, **01.05**
A769/A769M-05 Specification for Carbon and High-Strength Electric Resistance Forge-Welded Steel Structural Shapes, **01.04**
A770/A770M-03(2007) Specification for Through-Thickness Tension Testing of Steel Plates for Special Applications, **01.04**
A771/A771M Withdrawn 2004; Specification for Seamless Austenitic and Martensitic Stainless Steel Tubing for Liquid Metal-Cooled Reactor Core Components
A772/A772M-00(2005) Test Method for A-C Magnetic Permeability of Materials Using Sinusoidal Current, **03.04**
A773/A773M-01(2009) Test Method for dc Magnetic Properties of Materials Using Ring and Permeameter Procedures with dc Electronic Hysteresigraphs, **03.04**
A774/A774M-06 Specification for As-Welded Wrought Austenitic Stainless Steel Fittings for General Corrosive Service at Low and Moderate Temperatures, **01.01**
A775/A775M-07b Specification for Epoxy-Coated Steel Reinforcing Bars, **01.04**
A776 Not Assigned
A777 Withdrawn 1995; Specification for Galvanized Round Steel Tying Wire
A778-01(2009)$^{\varepsilon 1}$ Specification for Welded, Unannealed Austenitic Stainless Steel Tubular Products, **01.01**
A779/A779M-05 Specification for Steel Strand, Seven-Wire, Uncoated, Compacted, Stress-Relieved for Prestressed Concrete, **01.04**
A780/A780M-09 Practice for Repair of Damaged and Uncoated Areas of Hot-Dip Galvanized Coatings, **01.06**
A781/A781M-08 Specification for Castings, Steel and Alloy, Common Requirements, for General Industrial Use, **01.02**
A782/A782M-06 Specification for Pressure-Vessel Plates, Quenched-and-Tempered, Manganese-Chromium-Molybdenum-Silicon Zirconium Alloy Steel, **01.04**
A783 Withdrawn 1987; Specification for Aluminum-Zinc Alloy-Coated Steel Chain Link Fence Fabric
A784 Withdrawn 1988; Specification for Aluminum-Zinc Alloy-Coated Steel Wire Rope and Fittings for Highway Guard Rail
A785 Withdrawn 1988; Specification for Aluminum-Zinc Alloy-Coated Steel Wire Strand
A786/A786M-05 Specification for Hot-Rolled Carbon, Low-Alloy, High-Strength Low-Alloy, and Alloy Steel Floor Plates, **01.04**
A787-05 Specification for Electric-Resistance-Welded Metallic-Coated Carbon Steel Mechanical Tubing, **01.01**
A788/A788M-08a Specification for Steel Forgings, General Requirements, **01.05**
A789/A789M-09 Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Tubing for General Service, **01.01**
A790/A790M-09 Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Pipe, **01.01**
A791/A791M Withdrawn 1995; Specification for Welded, Unannealed Ferritic Stainless Steel Tubing; Replaced by A268/A268M
A792M Withdrawn 1994; Replaced by A792/A792M
A793-96(2009) Specification for Rolled Floor Plate, Stainless Steel, **01.03**
A794-06 Specification for Commercial Steel (CS), Sheet, Carbon (0.16 % Maximum to 0.25 % Maximum), Cold-Rolled, **01.03**
A795/A795M-08 Specification for Black and Hot-Dipped Zinc-Coated (Galvanized) Welded and Seamless Steel Pipe for Fire Protection Use, **01.01**
A796/A796M-06 Practice for Structural Design of Corrugated Steel Pipe, Pipe-Arches, and Arches for Storm and Sanitary Sewers and Other Buried Applications, **01.06**
A797 Withdrawn 1990; Specification for Aluminum-Zinc Alloy-Coated Steel Overhead Ground Wire Strand
A798/A798M-07 Practice for Installing Factory-Made Corrugated Steel Pipe for Sewers and Other Applications, **01.06**
A799/A799M-04 Practice for Steel Castings, Stainless, Instrument Calibration for Estimating Ferrite Content, **01.02**
A800/A800M-01(2006) Practice for Steel Casting, Austenitic Alloy, Estimating Ferrite Content Thereof, **01.02**
A801-09 Specification for Wrought Iron-Cobalt High Magnetic Saturation Alloy (UNS R30005 and K92650), **03.04**
A802/A802M-95(2006) Practice for Steel Castings, Surface Acceptance

Standards, Visual Examination, **01.02**

A803/A803M-08 Specification for Welded Ferritic Stainless Steel Feedwater Heater Tubes, **01.01**

A804/A804M-04(2009)$^{\epsilon 1}$ Test Methods for Alternating-Current Magnetic Properties of Materials at Power Frequencies Using Sheet-Type Test Specimens, **03.04**

A805/A805M-09 Specification for Steel, Flat Wire, Carbon, Cold-Rolled, **01.03**

A806/A806M Withdrawn 1995; Specification for Steel Sheet, 55 Aluminum-Zinc Alloy Coated by the Hot-Dip Process for Storm Sewer and Drainage Pipe; Replaced by A929/A929M

A807/A807M-02(2008) Practice for Installing Corrugated Steel Structural Plate Pipe for Sewers and Other Applications, **01.06**

A808/A808M Withdrawn 2005; Specification for High-Strength, Low-Alloy Carbon, Manganese, Columbium, Vanadium Steel of Structural Quality with Improved Notch Toughness; Replaced by A656

A809-08 Specification for Aluminum-Coated (Aluminized) Carbon Steel Wire, **01.06**

A810-01(2009)$^{\epsilon 1}$ Specification for Zinc-Coated (Galvanized) Steel Pipe Winding Mesh, **01.06**

A811-03(2008) Specification for Soft Magnetic Iron Parts Fabricated by Powder Metallurgy (P/M) Techniques, **03.04**

A812/A812M Withdrawn 1997; Specification for Steel Sheet, High-Strength, Low-Alloy, Hot-Rolled, for Welded Layered Pressure Vessels

A813/A813M-07 Specification for Single- or Double-Welded Austenitic Stainless Steel Pipe, **01.01**

A814/A814M-08 Specification for Cold-Worked Welded Austenitic Stainless Steel Pipe, **01.01**

A815/A815M-09a Specification for Wrought Ferritic, Ferritic/Austenitic, and Martensitic Stainless Steel Piping Fittings, **01.01**

A816/A816M Withdrawn 1994; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, High-Strength, Low Alloy; Replaced by A653/A653M, A924/A924M

A817-07 Specification for Metallic-Coated Steel Wire for Chain-Link Fence Fabric and Marcelled Tension Wire, **01.06**

A818-06 Specification for Coppered Carbon Steel Wire, **01.06**

A819 Withdrawn 1995; Specification for Steel Sheet, Aluminum-Coated Type 2 for Storm Sewer and Drainage Pipe; Replaced by A929/A929M

A820/A820M-06 Specification for Steel Fibers for Fiber-Reinforced Concrete, **01.04**

A821/A821M-05 Specification for Steel Wire, Hard Drawn for Prestressing Concrete Tanks, **01.04**

A822/A822M-04 Specification for Seamless Cold-Drawn Carbon Steel Tubing for Hydraulic System Service, **01.01**

A823-99(2008) Specification for Statically Cast Permanent Mold Gray Iron Castings, **01.02**

A824-01(2007) Specification for Metallic-Coated Steel Marcelled Tension Wire for Use With Chain Link Fence, **01.06**

A825 Withdrawn 1991; Specification for Steel Sheet, Composite Coated for Corrugated Steel Sewer Pipe and Bin-Type Retaining Walls

A826/A826M Withdrawn 2004; Specification for Seamless Austenitic and Martensitic Stainless Steel Duct Tubes for Liquid Metal-Cooled Reactor Core Components

A827/A827M-02(2007) Specification for Plates, Carbon Steel, for Forging and Similar Applications, **01.04**

A828 Not Assigned

A829/A829M-06 Specification for Alloy Structural Steel Plates, **01.04**

A830/A830M-06 Specification for Plates, Carbon Steel, Structural Quality, Furnished to Chemical Composition Requirements, **01.04**

A831/A831M Withdrawn 2005; Specification for Austenitic and Martensitic Stainless Steel Bars, Billets, and Forgings for Liquid Metal Cooled Reactor Core Components

A832/A832M-06 Specification for Pressure Vessel Plates, Alloy Steel, Chromium-Molybdenum-Vanadium, **01.04**

A833-08a Practice for Indentation Hardness of Metallic Materials by Comparison Hardness Testers, **01.05**

A834-95(2006) Specification for Common Requirements for Iron Castings for General Industrial Use, **01.02**

A835/A835M-84(2005) Specification for Sizes of Ferroalloys and Alloy Additives, **01.02**

A836/A836M-02(2007) Specification for Titanium-Stabilized Carbon Steel Forgings for Glass-Lined Piping and Pressure Vessel Service, **01.01**

A837/A837M-06 Specification for Steel Forgings, Alloy, for Carburizing Applications, **01.05**

A838-02(2007) Specification for Free-Machining Ferritic Stainless Soft Magnetic Alloy Bar for Relay Applications, **03.04**

A839-02(2008) Specification for Iron-Phosphorus Powder Metallurgy (P/M) Parts for Soft Magnetic Applications, **03.04**

A840-06 Specification for Fully Processed Magnetic Lamination Steel, **03.04**

A840M Withdrawn 2000; Replaced by A840/A840M

A841/A841M-03a(2007) Specification for Steel Plates for Pressure Vessels, Produced by Thermo-Mechanical Control Process (TMCP), **01.04**

A842-85(2009) Specification for Compacted Graphite Iron Castings, **01.02**

A843 Withdrawn 1988; Specification for Flat-Rolled, Grain-Oriented, High Permeability, Silicon-Iron Electrical Steel, Fully Processed, Types 27p066, 30p070, 35p076; Replaced by A876/A876M

A844/A844M-04 Specification for Steel Plates, 9 % Nickel Alloy, for Pressure Vessels, Produced by the Direct-Quenching Process, **01.04**

A845 Withdrawn 2005; Specification for Titanium Scrap for Use in Deoxidation and Alloying of Steel

A846 Withdrawn 2005; Specification for Aluminum Scrap for Use in Deoxidation and Alloying of Steel

A847/A847M-05 Specification for Cold-Formed Welded and Seamless High-Strength, Low-Alloy Structural Tubing with Improved Atmospheric Corrosion Resistance, **01.01**

A848-01(2006) Specification for Low-Carbon Magnetic Iron, **03.04**

A849-00(2005) Specification for Post-Applied Coatings, Pavings, and Linings for Corrugated Steel Sewer and Drainage Pipe, **01.06**

A850 Withdrawn 1991; Specification for Steel Bars, Carbon-Manganese Merchant Quality with 50 ksi (345 MPa) Yield Point

A851 Withdrawn 2002; Specification for High-Frequency Induction Welded, Unannealed, Austenitic Steel Condenser Tubes

A852/A852M-03(2007) Specification for Quenched and Tempered Low-Alloy Structural Steel Plate with 70 ksi [485 MPa] Minimum Yield Strength to 4 in. [100 mm] Thick, **01.04**

A853-04 Specification for Steel Wire, Carbon, for General Use, **01.03**

A854/A854M-08 Specification for Metallic-Coated Steel Smooth High-Tensile Fence and Trellis Wire, **01.06**

A855/A855M-03(2009) Specification for Zinc-5 % Aluminum-Mischmetal Alloy-Coated Steel Wire Strand, **01.06**

A856/A856M-03(2009) Specification for Zinc-5 % Aluminum-Mischmetal Alloy-Coated Carbon Steel Wire, **01.06**

A857/A857M-07 Specification for Steel Sheet Piling, Cold Formed, Light Gage, **01.04**

A858/A858M-09 Specification for Heat-Treated Carbon Steel Fittings for Low-Temperature and Corrosive Service, **01.01**

A859/A859M-04(2009) Specification for Age-Hardening Alloy Steel Forgings for Pressure Vessel Components, **01.05**

A860/A860M-09 Specification for Wrought High-Strength Ferritic Steel Butt-Welding Fittings, **01.01**

A861-04(2008) Specification for High-Silicon Iron Pipe and Fittings, **01.02**

A862/A862M-98(2008) Practice for Application of Asphalt Coatings to Corrugated Steel Sewer and Drainage Pipe, **01.06**

A863 Withdrawn 1991; Specification for Corrugated Steel Pipe with Smooth PVC Liner for Sewers and Drains

A864/A864M Withdrawn 1997; Specification for Steel Wire, Deformed, for Prestressed Concrete Railroad Ties

A865/A865M-06 Specification for Threaded Couplings, Steel, Black or Zinc-Coated (Galvanized) Welded or Seamless, for Use in Steel Pipe Joints, **01.01**

A866-01 Specification for Medium Carbon Anti-Friction Bearing Steel, **01.05**

A867-03(2008) Specification for Iron-Silicon Relay Steels, **03.04**

A868 Not Assigned

A869 Not Assigned

A870 Not Assigned

A871/A871M-03(2007) Specification for High-Strength Low-Alloy Structural Steel Plate With Atmospheric Corrosion Resistance, **01.04**

A872/A872M-07a Specification for Centrifugally Cast Ferritic/Austenitic Stainless Steel Pipe for Corrosive Environments, **01.01**

A873/A873M Withdrawn 1997; Specification for Steel Sheet and Strip, Chromium-Molybdenum Alloy, for Pressure Vessels

A874M Withdrawn 1998; Replaced by A874/A874M

A874/A874M-98(2009) Specification for Ferritic Ductile Iron Castings Suitable for Low-Temperature Service, **01.02**

A875/A875M-09 Specification for Steel Sheet, Zinc-5 % Aluminum Alloy-Coated by the Hot-Dip Process, **01.06**

A876-09 Specification for Flat-Rolled, Grain-Oriented, Silicon-Iron, Electrical Steel, Fully Processed Types, **03.04**

A876M Withdrawn 1998; Replaced by A876A876M

A877/A877M-05 Specification for Steel Wire, Chromium-Silicon Alloy Valve Spring Quality, **01.03**

A878/A878M-05 Specification for Steel Wire, Modified Chromium Vanadium Valve Spring Quality, **01.03**

A879/A879M-06 Specification for Steel Sheet, Zinc Coated by the Electrolytic Process for Applications Requiring Designation of the Coating Mass on Each Surface, **01.06**

A880 Withdrawn 2004; Practice for Criteria for Use in Evaluation of Testing Laboratories and Organizations for Examination and Inspection of Steel, Stainless Steel, and Related Alloys

A881/A881M-05 Specification for Steel Wire, Deformed, Stress-Relieved or Low-Relaxation for Prestressed Concrete Railroad Ties, **01.04**

A882/A882M-04a Specification for Filled Epoxy-Coated Seven-Wire Prestressing Steel Strand, **01.04**

A883/A883M Withdrawn 2006; Test Method for Ferrimagnetic Resonance Linewidth and Gyromagnetic Ratio of Nonmetallic Magnetic Materials

A884/A884M-06 Specification for Epoxy-Coated Steel Wire and Welded Wire Reinforcement, **01.04**

A885/A885M Withdrawn 2006; Specification for Steel Sheet, Zinc and Aramid Fiber Composite Coated for Corrugated Steel Sewer, Culvert, and Underdrain Pipe

A886/A886M-05 Specification for Steel Strand, Indented, Seven-Wire Stress-Relieved for Prestressed Concrete, **01.04**

A887-89(2009) Specification for Borated Stainless Steel Plate, Sheet, and Strip for Nuclear Application, **01.03**

A888-09 Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications, **01.02**

A889/A889M-03(2008) Test Method for Alternating-Current Magnetic Properties of Materials at Low Magnetic Flux Density Using the Voltmeter-Ammeter-Wattmeter-Varmeter Method and 25-cm Epstein Frame, **03.04**

A890/A890M-99(2007) Specification for Castings, Iron-Chromium-Nickel-Molybdenum Corrosion-Resistant, Duplex (Austenitic/Ferritic) for General Application, **01.02**

A891/A891M-08 Specification for Precipitation Hardening Iron Base Superalloy Forgings for Turbine Rotor Disks and Wheels, **01.05**

A892-06 Guide for Defining and Rating the Microstructure of High Carbon Bearing Steels, **01.05**

A893/A893M-03(2008) Test Method for Complex Dielectric Constant of Nonmetallic Magnetic Materials at Microwave Frequencies, **03.04**

A894/A894M-00(2005) Test Method for Saturation Magnetization or Induction of Nonmetallic Magnetic Materials, **03.04**

A895-89(2009) Specification for Free-Machining Stainless Steel Plate, Sheet, and Strip, **01.03**

A896/A896M-09 Practice for Conducting Case Studies on Galvanized Structures, **01.06**

A897M Withdrawn 2001; Replaced by A897/A897M

A897/A897M-06 Specification for Austempered Ductile Iron Castings, **01.02**

A898/A898M-07 Specification for Straight Beam Ultrasonic Examination of Rolled Steel Structural Shapes, **01.04**

A899-91(2007) Specification for Steel Wire, Epoxy-Coated, **01.03**

A900/A900M-01(2006) Test Method for Lamination Factor of Amorphous Magnetic Strip, **03.04**

A901-03(2008) Specification for Amorphous Magnetic Core Alloys, Semi-Processed Types, **03.04**

A902-09 Terminology Relating to Metallic Coated Steel Products, **01.06**

A903/A903M-99(2007) Specification for Steel Castings, Surface Acceptance Standards, Magnetic Particle and Liquid Penetrant Inspection, **01.02**

A904-09 Specification for 50 Nickel-50 Iron Powder Metallurgy Soft Magnetic Parts, **03.04**

A905-04 Specification for Steel Wire, Pressure Vessel Winding, **01.03**

A906/A906M-02 Specification for Grade 80 and Grade 100 Alloy Steel Chain Slings for Overhead Lifting, **01.05**

A907/A907M Withdrawn 2001; Specification for Steel, Sheet and Strip, Heavy Thickness Coils, Carbon, Hot-Rolled, Structural Quality; Replaced by A1018/A1018M

A908-03(2008)$^{\varepsilon 1}$ Specification for Stainless Steel Needle Tubing, **01.01**

A909/A909M-06 Specification for Steel Forgings, Microalloy, for General Industrial Use, **01.05**

A910/A910M-05 Specification for Uncoated, Weldless, 2- and 3-Wire Steel Strand for Prestressed Concrete, **01.04**

A911/A911M-05 Specification for Uncoated, Stress-Relieved Steel Bars for Prestressed Concrete Railroad Ties, **01.04**

A912/A912M-04 Test Method for Alternating-Current Magnetic Properties of Amorphous Materials at Power Frequencies Using Wattmeter-Ammeter-Voltmeter Method with Toroidal Specimens, **03.04**

A913/A913M-07 Specification for High-Strength Low-Alloy Steel Shapes of Structural Quality, Produced by Quenching and Self-Tempering Process (QST), **01.04**

A914/A914M-92(2005) Specification for Steel Bars Subject to Restricted End-Quench Hardenability Requirements, **01.05**

A915/A915M-08 Specification for Steel Castings, Carbon, and Alloy, Chemical Requirements Similar to Standard Wrought Grades, **01.02**

A916 Withdrawn 1995; Specification for Steel Sheet, Zinc-5 % Aluminum-Mischmetal Alloy-Coated by Hot-Dip Process for Storm Sewer and Drainage Pipe; Replaced by A929/A929M

A917-08 Specification for Steel Sheet, Coated by the Electrolytic Process for Applications Requiring Designation of the Coating Mass on Each Surface (General Requirements), **01.06**

A918-06 Specification for Steel Sheet, Zinc-Nickel Alloy Coated by the Electrolytic Process for Applications Requiring Designation of the Coating Mass on Each Surface, **01.06**

A919 Withdrawn 1998; Terminology Relating to Heat Treatment of Metals; Replaced by A941

A920/A920M-07 Specification for Steel Bars, Microalloy, Hot-Wrought, Special Quality, Mechanical Properties, **01.05**

A921/A921M-93(2005) Specification for Steel Bars, Microalloy, Hot-Wrought, Special Quality, for Subsequent Hot Forging, **01.05**

A922-05 Specification for Silicon Metal, **01.02**

A923-08 Test Methods for Detecting Detrimental Intermetallic Phase in Duplex Austenitic/Ferritic Stainless Steels, **01.03**

A924/A924M-09 Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process, **01.06**

A925-03(2009)$^{\varepsilon 1}$ Specification for Zinc-5 % Aluminum-Mischmetal Alloy-Coated Steel Overhead Ground Wire Strand, **01.06**

A926-03(2008) Test Method for Comparing the Abrasion Resistance of Coating Materials for Corrugated Metal Pipe, **01.06**

A927/A927M-04 Test Method for Alternating-Current Magnetic Properties of Toroidal Core Specimens Using the Voltmeter-Ammeter-Wattmeter Method, **03.04**

A928/A928M-09 Specification for Ferritic/Austenitic (Duplex) Stainless Steel Pipe Electric Fusion Welded with Addition of Filler Metal, **01.01**

A929/A929M-01(2007) Specification for Steel Sheet, Metallic-Coated by the Hot-Dip Process for Corrugated Steel Pipe, **01.06**

A930-03 Practice for Life-Cycle Cost Analysis of Corrugated Metal Pipe Used for Culverts, Storm Sewers, and Other Buried Conduits, **01.06**

A931-08 Test Method for Tension Testing of Wire Ropes and Strand, **01.03**

A932/A932M-01(2006) Test Method for Alternating-Current Magnetic Properties of Amorphous Materials at Power Frequencies Using Wattmeter-Ammeter-Voltmeter Method with Sheet Specimens, **03.04**

A933/A933M-07 Specification for Vinyl (PVC) Coated Steel Wire and Welded Wire Fabric for Reinforcement, **01.04**

A934/A934M-07 Specification for Epoxy-Coated Prefabricated Steel Reinforcing Bars, **01.04**

A935/A935M Withdrawn 2001; Specification for Steel, Sheet and Strip, Heavy Thickness Coils, High Strength, Low-Alloy, Columbium or Vanadium, or Both, Hot-Rolled; Replaced by A1018/A1018M

A936/A936M Withdrawn 2001; Specification for Steel, Sheet And Strip, Heavy Thickness Coils, High Strength, Low-Alloy, Hot-Rolled, With Improved Formability; Replaced by A1018/A1018M

A937/A937M-06 Test Method for Determining Interlaminar Resistance of Insulating Coatings Using Two Adjacent Test Surfaces, **03.04**

A938-07 Test Method for Torsion Testing of Wire, **01.03**

A939-07 Practice for Ultrasonic Examination from Bored Surfaces of Cylindrical Forgings, **01.05**

A940/A940M-06 Specification for Vacuum Treated Steel Forgings, Alloy, Differentially Heat Treated, for Turbine Rotors, **01.05**

A941-09 Terminology Relating to Steel, Stainless Steel,,,, Related Alloys, and Ferroalloys, **01.01, 01.02, 01.03, 01.04, 01.05**

A942-95(2007) Specification for Centrifugally Cast White Iron/Gray Iron Dual Metal Abrasion-Resistant Roll Shells, **01.02**

A943/A943M-01(2005) Specification for Spray-Formed Seamless Austenitic Stainless Steel Pipes, **01.01**

A944-05 Test Method for Comparing Bond Strength of Steel Reinforcing Bars to Concrete Using Beam-End Specimens, **01.04**

A945/A945M-06$^{\varepsilon 1}$ Specification for High-Strength Low-Alloy Structural Steel Plate with Low Carbon and Restricted Sulfur for Improved Weldability, Formability, and Toughness, **01.04**

A946-95(2004) Specification for Chromium, Chromium-Nickel and Silicon Alloy Steel Plate, Sheet, and Strip for Corrosion and Heat Resisting Service, **01.03**

A947M-95(2004) Specification for Textured Stainless Steel Sheet [Metric], **01.03**

A949 Redesignated 1995 - A949/A949M

A949/A949M-01(2005) Specification for Spray-Formed Seamless Ferritic/Austenitic Stainless Steel Pipe, **01.01**

A950/A950M-99(2007) Specification for Fusion-Bonded Epoxy-Coated Structural Steel H-Piles and Sheet Piling, **01.04**

A951/A951M-06 Specification for Steel Wire for Masonry Joint Reinforcement, **01.04**

A952/A952M-02 Specification for Forged Grade 80 and Grade 100 Alloy Steel Lifting Components and Welded Attachment Links, **01.05**

A953 Withdrawn 2005; Specification for Austenitic Chromium-Nickel-Silicon Alloy Steel Seamless and Welded Tubing

A954 Withdrawn 2005; Specification for Austenitic Chromium-Nickel-Silicon Alloy Steel Seamless and Welded Pipe

A955/A955M-09 Specification for Deformed and Plain Stainless-Steel Bars for Concrete Reinforcement, **01.04**

A956-06 Test Method for Leeb Hardness Testing of Steel Products, **01.05**

A957/A957M-09a Specification for Investment Castings, Steel and Alloy, Common Requirements, for General Industrial Use, **01.02**

A958-09 Specification for Steel Castings, Carbon and Alloy, with Tensile Requirements, Chemical Requirements Similar to Standard Wrought Grades, **01.02**

A959-09 Guide for Specifying Harmonized Standard Grade Compositions for Wrought Stainless Steels, **01.03**

A960/A960M-08a Specification for Common Requirements for Wrought Steel Piping Fittings, **01.01**

A961/A961M-08a Specification for Common Requirements for Steel Flanges, Forged Fittings, Valves, and Parts for Piping Applications, **01.01**

A962/A962M-09 Specification for Common Requirements for Steel Fasteners or Fastener Materials, or Both, Intended for Use at Any Temperature from Cryogenic to the Creep Range, **01.01**

A963/A963M Withdrawn 2000; Specification for Deep Drawing Steel (DDS), Sheet, Carbon, Cold-Rolled; Replaced by A1008/A1008M

A964/A964M-03 Specification for Corrugated Steel Box Culverts, **01.06**

A965/A965M-06a Specification for Steel Forgings, Austenitic, for Pressure and High Temperature Parts, **01.05**

A966/A966M-08 Practice for Magnetic Particle Examination of Steel Forgings Using Alternating Current, **01.05**

A967-05$^{\varepsilon 1}$ Specification for Chemical Passivation Treatments for Stainless Steel Parts, **01.03**

A968/A968M-96(2009) Specification for Chromium, Chromium-Nickel, and Silicon Alloy Steel Bars and Shapes for Corrosion,,, and Heat-Resisting Service, **01.03**

A969/A969M Withdrawn 2000; Specification for Extra Deep Drawing Steel (EDDS), Sheet, Carbon, Cold-Rolled; Replaced by A1008/A1008M

A970/A970M-07 Specification for Headed Steel Bars for Concrete Reinforcement, **01.04**

A971/A971M-05 Test Method for Measuring Edge Taper and Crown of Flat-Rolled Electrical Steel Coils, **03.04**

A972/A972M-00(2004) Specification for Fusion Bonded Epoxy-Coated Pipe Piles, **01.01**

A973/A973M-07 Specification for Grade 100 Alloy Steel Chain, **01.05**

A974-97(2003) Specification for Welded Wire Fabric Gabions and Gabion Mattresses (Metallic-Coated or Polyvinyl Chloride (PVC) Coated), **01.06**

A975-97(2003) Specification for Double–Twisted Hexagonal Mesh Gabions and Revet Mattresses (Metallic–Coated Steel Wire or Metallic-Coated Steel Wire With Poly(Vinyl Chloride) (PVC) Coating), **01.06**

A976-03(2008) Classification of Insulating Coatings for Electrical Steels by

Composition, Relative Insulating Ability and Application, **03.04**
A977/A977M-07 Test Method for Magnetic Properties of High-Coercivity Permanent Magnet Materials Using Hysteresigraphs, **03.04**
A978/A978M-08 Specification for Composite Ribbed Steel Pipe, Precoated and Polyethylene Lined for Gravity Flow Sanitary Sewers, Storm Sewers, and Other Special Applications, **01.06**
A979/A979M-03 Specification for Concrete Pavements and Linings Installed in Corrugated Steel Structures in the Field, **01.06**
A980-97(2003) Specification for Steel, Sheet, Carbon, Ultra High Strength Cold Rolled, **01.03**
A981-97(2007) Test Method for Evaluating Bond Strength for 15.2 mm (0.6 in.) Diameter Prestressing Steel Strand, Grade 270, Uncoated, Used in Prestressed Ground Anchors, **01.04**
A982/A982M-05 Specification for Steel Forgings, Stainless, for Compressor and Turbine Airfoils, **01.05**
A983/A983M-06 Specification for Continuous Grain Flow Forged Carbon and Alloy Steel Crankshafts for Medium Speed Diesel Engines, **01.05**
A984/A984M-03(2009) Specification for Steel Line Pipe, Black, Plain-End, Electric-Resistance-Welded, **01.01**
A985/A985M-08 Specification for Steel Investment Castings General Requirements, for Pressure-Containing Parts, **01.02**
A986/A986M-01(2006) Specification for Magnetic Particle Examination of Continuous Grain Flow Crankshaft Forgings, **01.05**
A987/A987M-09 Practice for Measuring Shape Characteristics of Tin Mill Products, **01.06**
A988/A988M-07 Specification for Hot Isostatically-Pressed Stainless Steel Flanges, Fittings, Valves, and Parts for High Temperature Service, **01.01**
A989/A989M-07 Specification for Hot Isostatically-Pressed Alloy Steel Flanges, Fittings, Valves, and Parts for High Temperature Service, **01.01**
A990-08 Specification for Castings, Iron-Nickel-Chromium and Nickel Alloys, Specially Controlled for Pressure Retaining Parts for Corrosive Service, **01.02**
A991/A991M-08 Test Method for Conducting Temperature Uniformity Surveys of Furnaces Used to Heat Treat Steel Products, **01.03**
A992/A992M-06a Specification for Structural Steel Shapes, **01.04**
A993 Withdrawn 2004; Test Method for Dynamic Tear Testing of Cast Irons to Establish Transition Temperature
A994-05 Guide for Editorial Procedures and Form of Product Specifications for Steel, Stainless Steel, and Related Alloys, **01.01**
A995/A995M-09 Specification for Castings, Austenitic-Ferritic (Duplex) Stainless Steel, for Pressure-Containing Parts, **01.02**
A996/A996M-09 Specification for Rail-Steel and Axle-Steel Deformed Bars for Concrete Reinforcement, **01.04**
A997-08 Practice for Investment Castings, Surface Acceptance Standards, Visual Examination, **01.02**
A998/A998M-08 Practice for Structural Design of Reinforcements for Fittings in Factory–Made Corrugated Steel Pipe for Sewers and Other Applications, **01.06**
A999/A999M-04a Specification for General Requirements for Alloy and Stainless Steel Pipe, **01.01**
A1000-05 Specification for Steel Wire, Carbon and Alloy Specialty Spring Quality, **01.03**
A1001-01(2006) Specification for High Strength Steel Castings in Heavy Sections, **01.02**
A1002-99(2003) Specification for Castings, Nickel-Aluminum Ordered Alloy, **01.02**
A1003/A1003M-08 Specification for Steel Sheet, Carbon, Metallic- and Nonmetallic-Coated for Cold-Formed Framing Members, **01.06**
A1004/A1004M-99(2004) Practice for Establishing Conformance to the Minimum Expected Corrosion Characteristics of Metallic, Painted-Metallic, and Non-Metallic Coated Steel Sheet Intended for Use as Cold Formed Framing Members, **01.06**
A1005/A1005M-00(2004) Specification for Steel Line Pipe, Black, Plain End, Longitudinal and Helical Seam, Double Submerged-Arc Welded, **01.01**
A1006/A1006M-00(2004) Specification for Steel Line Pipe, Black, Plain End, Laser Beam Welded, **01.01**
A1007-07 Specification for Carbon Steel Wire for Wire Rope, **01.03**
A1008/A1008M-09 Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardenable, **01.03**
A1009-05 Specification for Soft Magnetic MnZn Ferrite Core Materials for High Frequency (10 kHz-1 MHz) Power Transformer and Filter Inductor Applications, **03.04**
A1010/A1010M-01(2009) Specification for Higher-Strength Martensitic Stainless Steel Plate, Sheet, and Strip, **01.03**
A1011/A1011M-09a Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength, **01.03**
A1012-02(2007) Specification for Seamless and Welded Ferritic, Austenitic and Duplex Alloy Steel Condenser and Heat Exchanger Tubes With Integral Fins, **01.01**
A1013-00(2005) Test Method for High-Frequency (10 kHz-1 MHz) Core Loss of Soft Magnetic Core Components at Controlled Temperatures Using the Voltmeter-Ammeter-Wattmeter Method, **03.04**
A1014/A1014M-09 Specification for Precipitation-Hardening Fasteners and Fastener Material (UNS N07718) for High Temperature Service, **01.01**
A1015-01(2005) Guide for Videoborescoping of Tubular Products for Sanitary Applications, **01.01**
A1016/A1016M-08 Specification for General Requirements for Ferritic Alloy Steel, Austenitic Alloy Steel, and Stainless Steel Tubes, **01.01**
A1017/A1017M-07 Specification for Pressure Vessel Plates, Alloy Steel, Chromium-Molybdenum-Tungsten, **01.04**
A1018/A1018M-08a Specification for Steel, Sheet and Strip, Heavy-Thickness Coils, Hot-Rolled, Carbon, Commercial, Drawing, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength, **01.03**
A1019/A1019M-01(2007) Specification for Closed Rib Steel Pipe with Diameter of 36 in. [900 mm] or Less, Polymer Precoated for Sewers and Drains, **01.06**
A1020/A1020M-02(2007) Specification for Steel Tubes, Carbon and Carbon Manganese, Fusion Welded, for Boiler, Superheater, Heat Exchanger and Condenser Applications, **01.01**
A1021/A1021M-05 Specification for Martensitic Stainless Steel Forgings and Forging Stock for High-Temperature Service, **01.05**
A1022/A1022M-07 Specification for Deformed and Plain Stainless Steel Wire and Welded Wire for Concrete Reinforcement, **01.04**
A1023/A1023M-07 Specification for Stranded Carbon Steel Wire Ropes for General Purposes, **01.03**
A1024/A1024M-02(2007) Specification for Steel Line Pipe, Black, Plain-End, Seamless, **01.01**
A1025-05 Specification for Ferroalloys and Other Alloying Materials, General Requirements, **01.02**
A1026 Withdrawn 2007; Specification for Alloy Steel Structural Shapes for Use in Building Framing
A1028-03(2009) Specification for Stainless Steel Bars for Compressor and Turbine Airfoils, **01.03**
A1030/A1030M-05 Practice for Measuring Flatness Characteristics of Steel Sheet Products, **01.06**
A1031-05 Specification for Steel, Sheet and Strip, Heavy-Thickness Coils, Alloy, Drawing Steel and Structural Steel, Hot-Rolled, **01.03**
A1032-04 Test Method for Hydrogen Embrittlement Resistance for Steel Wire Hard Drawn Used for Prestressing Concrete Pipe, **01.04**
A1033-04 Practice for Quantitative Measurement and Reporting of Hypoeutectoid Carbon and Low-Alloy Steel Phase Transformations, **01.03**
A1034/A1034M-05b Test Methods for Testing Mechanical Splices for Steel Reinforcing Bars, **01.04**
A1035/A1035M-07 Specification for Deformed and Plain, Low-carbon, Chromium, Steel Bars for Concrete Reinforcement, **01.04**
A1036-04(2009) Guide for Measuring Power Frequency Magnetic Properties of Flat-Rolled Electrical Steels Using Small Single Sheet Testers, **03.04**
A1037/A1037M-05 Specification for Steel Line Pipe, Black, Furnace-Butt-Welded, **01.01**
A1038-08 Practice for Portable Hardness Testing by the Ultrasonic Contact Impedance Method, **01.05**
A1039/A1039M-09 Specification for Steel, Sheet, Hot Rolled, Carbon, Commercial, Structural, and High-Strength Low-Alloy, Produced by Twin-Roll Casting Process, **01.03**
A1040-09 Guide for Specifying Harmonized Standard Grade Compositions for Wrought Carbon, Low-Alloy, and Alloy Steels, **01.05**
A1041/A1041M-04(2009) Specification for Pressure Vessel Plates, Alloy Steel, Higher Strength Chromium-Molybdenum-Tungsten, **01.04**
A1042/A1042M-04 Specification for Composite Corrugated Steel Pipe for Sewers and Drains, **01.06**
A1043/A1043M-05 Specification for Structural Steel with Low Yield to Tensile Ratio for Use in Buildings, **01.04**
A1044/A1044M-05 Specification for Steel Stud Assemblies for Shear Reinforcement of Concrete, **01.04**
A1045-08 Specification for Flexible Poly (Vinyl Chloride) (PVC) Gaskets used in Connection of Water Closets to Sanitary Drainage System, **01.02**
A1046/A1046M-06 Specification for Steel Sheet, Zinc-Aluminum-Magnesium Alloy-Coated by the Hot-Dip Process, **01.06**
A1047/A1047M-05 Test Method for Pneumatic Leak Testing of Tubing, **01.01**
A1048/A1048M-06 Specification for Pressure Vessel Forgings, Alloy Steel, Higher Strength Chromium-Molybdenum-Tungsten for Elevated Temperature Service, **01.05**
A1049/A1049M-06 Specification for Stainless Steel Forgings, Ferritic/Austenitic (Duplex), for Pressure Vessels and Related Components, **01.05**
A1053/A1053M-06 Specification for Welded Ferritic-Martensitic Stainless Steel Pipe, **01.01**
A1054-07 Specification for Sintered Ceramic Ferrite Permanent Magnets, **03.04**
A1055/A1055M-08a Specification for Zinc and Epoxy Dual-Coated Steel Reinforcing Bars, **01.04**
A1056-08 Specification for Cast Iron Couplings Used for Joining Hubless Cast Iron Soil Pipe and Fittings, **01.02**
A1057/A1057M-08 Specification for Steel, Structural Tubing, Cold Formed, Welded, Carbon, Zinc-Coated (Galvanized) by the Hot-Dip Process, **01.06**
A1058-09 Test Methods for Mechanical Testing of Steel Products—Metric, **01.01, 01.02, 01.03, 01.04, 01.05**
A1059/A1059M-08 Specification for Zinc Alloy Thermo-Diffusion Coatings (TDC) on Steel Fasteners, Hardware, and Other Products, **01.06**
A1061/A1061M-09 Test Methods for Testing Multi-Wire Steel Strand, **01.04**
A1063/A1063M-09 Specification for Steel Sheet, Twin-Roll Cast, Zinc-Coated (Galvanized) by the Hot Crab Dip Process, **01.06**
A1064/A1064M-09 Specification for Steel Wire and Welded Wire Reinforcement, Plain and Deformed, for Concrete, **01.04**

B. NONFERROUS METALS

B1-01(2007) Specification for Hard-Drawn Copper Wire, **02.03**
B2-08 Specification for Medium-Hard-Drawn Copper Wire, **02.03**
B3-01(2007) Specification for Soft or Annealed Copper Wire, **02.03**
B4 Withdrawn 1981; Specification Tough-Pitch Lake Copper-Refinery Shapes
B5-00(2005) Specification for High Conductivity Tough-Pitch Copper Refinery Shapes, **02.01**
B6-09 Specification for Zinc, **02.04**
B7 Withdrawn 1941; Specification for Copper-Base Alloys in Ingot Form for Sand Castings; Replaced by B30
B8-04 Specification for Concentric-Lay-Stranded Copper Conductors, Hard, Medium-Hard, or Soft, **02.03**
B9-90(2008) Specification for Bronze Trolley Wire, **02.03**
B10 Withdrawn 1934; Specification for Tin-Bronze and Leaded Tin-Bronze Sand Castings
B11 Withdrawn 1981; Specification for Copper Plates for Locomotive Fireboxes
B12 Withdrawn 1982; Specification for Copper Rods for Locomotive Staybolts; Replaced by B133
B13 Withdrawn 1961; Specification for Seamless Copper Boiler Tubes
B14 Withdrawn 1955; Specification for Seamless Brass Boiler Tubes
B15 Withdrawn 1939; Specification for Copper and Copper-Base Alloy Forging Rod, Bar, and Shapes; Replaced by B124
B16M Withdrawn 1999; Replaced by B16/B16M
B16/B16M-05 Specification for Free-Cutting Brass Rod, Bar and Shapes for Use in Screw Machines, **02.01**
B17 Withdrawn 1927; Specification for Bronze Castings in the Rough for Locomotive Wearing Parts; Replaced by B66, B67
B18 Withdrawn 1942; Methods of Testing Chemical Analysis of Lead, Tin, and Base Solder Metal; Replaced by E46
B19-05 Specification for Cartridge Brass Sheet, Strip, Plate, Bar, and Disks, **02.01**
B20 Withdrawn 1940; Specification for Cartridge Brass Sheet, Strip, Plate, Bar, and Disks; Combined with B 19
B21M Withdrawn 2001; Replaced by B21/B21M
B21/B21M-06 Specification for Naval Brass Rod, Bar, and Shapes, **02.01**
B22-09$^{\epsilon 1}$ Specification for Bronze Castings for Bridges and Turntables, **02.01**
B23-00(2005) Specification for White Metal Bearing Alloys (Known Commercially as "Babbitt Metal"), **02.04**
B24 Withdrawn 1956; Specification for Aluminum Ingots for Remelting
B25 Withdrawn 1946; Specification for Aluminum Alloy Sheet and Plate; Replaced by B209
B26/B26M-09 Specification for Aluminum-Alloy Sand Castings, **02.02**
B27 Withdrawn 1943; Methods of Testing Chemical Analysis for Sulfur in Special Brasses and Bronzes; Replaced by E54
B28 Withdrawn 1943; Methods of Testing Chemical Analysis of Special Brasses and Bronzes; Replaced by E54
B29-03(2009) Specification for Refined Lead, **02.04**
B30-09b Specification for Copper Alloys in Ingot Form, **02.01**
B31 Withdrawn 1932; Specification for Copper-Base Alloys in Ingot Form for Sand Casting; Replaced by B30
B32-08 Specification for Solder Metal, **02.04, 02.04**
B33-04 Specification for Tinned Soft or Annealed Copper Wire for Electrical Purposes, **02.03**
B34 Redesignated 1945 - E53; Method of Battery Assay of Copper
B35 Withdrawn 1942; Methods of Testing Chemical Analysis of Pig Lead; Replaced by E37
B36/B36M-08a Specification for Brass Plate, Sheet, Strip, And Rolled Bar, **02.01**
B37-08 Specification for Aluminum for Use in Iron and Steel Manufacture, **02.02**
B38 Withdrawn 1942; Methods of Testing Chemical Analysis of Slab Zinc (Spelter); Replaced by E40
B39-79(2008) Specification for Nickel, **02.04**
B40 Withdrawn 1942; Photometric Methods for Chemical Analysis of Aluminum and Aluminum Base Alloys; Replaced by E34
B41 Withdrawn 1942; Method for Testing Chemical Analysis of Nickel; Replaced by E39
B42-02$^{\epsilon 1}$ Specification for Seamless Copper Pipe, Standard Sizes, **02.01**
B43-09 Specification for Seamless Red Brass Pipe, Standard Sizes, **02.01**
B44 Withdrawn 1937; Specification for Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock; Replaced by B111
B45 Withdrawn 1942; Methods for Testing Chemical Analysis of Brasses
B46 Withdrawn 1943; Methods of Testing Chemical Analysis for Sulfur in Special Brasses and Bronzes; Replaced by E54
B47-95a(2007) Specification for Copper Trolley Wire, **02.03**
B48-00(2005)$^{\epsilon 1}$ Specification for Soft Rectangular and Square Bare Copper Wire for Electrical Conductors, **02.03**
B49-09 Specification for Copper Rod Drawing Stock for Electrical Purposes, **02.01**
B50 Withdrawn 1937; Specification for Non-Ferrous Insect Screen Cloth
B51 Withdrawn 1945; Specification for Phospher Tin
B52 Withdrawn 1980; Specification for Phosphor Copper; Replaced by B644
B53 Withdrawn 1980; Specification for Silicon Copper; Replaced by B644
B54 Withdrawn 1941; Specification for High-Strength Yellow Brass (Manganese Bronze) and Leaded High-Strength Yellow Brass (Leaded Manganese Bronze) Sand Castings
B55 Withdrawn 1937; Specification for Seamless 70-30 Brass Condenser Tubes and Ferrule Stock
B56 Withdrawn 1937; Specification for Seamless Muntz Metal Condenser Tubes and Ferrule Stock; Replaced by B111
B57 Withdrawn 1942; Specification for Copper-Alloy Condenser Tube Plates; Replaced by B171
B58 Withdrawn 1946; Specification for Aluminum-Base Alloys in Ingot Form f Sand Castings; Replaced by B179
B59 Withdrawn 1941; Specification for Aluminum-Bronze Sand Castings; Replaced by B148
B60 Withdrawn 1944; Specification for Tin-Bronze and Leaded Tin-bronze Sand Castings; Replaced by B143
B61-08 Specification for Steam or Valve Bronze Castings, **02.01**
B62-09 Specification for Composition Bronze or Ounce Metal Castings, **02.0**
B63-07 Test Method for Resistivity of Metallically Conducting Resistance and Contact Materials, **02.04**
B64 Withdrawn 1952; Specification for Brazing Solder
B65 Withdrawn 1938; Specification for Lead Yellow Brass Sand Castings for General Purposes
B66/B66M-06$^{\epsilon 1}$ Specification for Bronze Castings for Steam Locomotive Wearing Parts, **02.01**
B67-05 Specification for Car and Tender Journal Bearings, Lined, **02.01**
B68-02 Specification for Seamless Copper Tube, Bright Annealed, **02.01**
B68M-99(2005) Specification for Seamless Copper Tube, Bright Annealed [Metric], **02.01**
B69-09 Specification for Rolled Zinc, **02.04**
B70-90(2007) Test Method for Change of Resistance With Temperature of Metallic Materials for Electrical Heating, **02.04**
B71 Withdrawn 1942; Methods of Testing Chemical Analysis of Nickel-Chromium and Nickel-Chromium-Iron Alloys
B72 Withdrawn 1977; Specification for Fire-Refined Casting Copper
B73 Withdrawn 1953; Specification for Silver Solders
B74 Withdrawn 1941; Specification for High-Leaded Tin-Bronze Sand Castin
B75-02 Specification for Seamless Copper Tube, **02.01**
B75M-99(2005) Specification for Seamless Copper Tube [Metric], **02.01**
B76-90(2007) Test Method for Accelerated Life of Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating, **02.04**
B77-07 Test Method for Thermoelectric Power of Electrical-Resistance Alloys **02.04**
B78-90(2007) Test Method of Accelerated Life of Iron-Chromium-Aluminum Alloys for Electrical Heating, **02.04**
B79 Withdrawn 1946; Specification for Aluminum and Aluminum Alloy Sheet and Plate; Replaced by B209
B80-09 Specification for Magnesium-Alloy Sand Castings, **02.02**
B81 Withdrawn 1944; Methods of Chemical Analysis of Silver Solders; Replaced by E56
B82 Withdrawn 1959; Specification for Drawn or Rolled Alloy 80 Percent Nickel, 20 Percent Chromium, for Electrical-Heating Elements; Replaced by B344
B83 Withdrawn 1959; Specification for Drawn or Rolled Alloy, 60 Percent Nickel, 16 Percent Chromium, and Balance Iron, for Electrical-Heating Elements; Replaced by B344
B84-07 Test Method for Temperature-Resistance Constants of Alloy Wires fo Precision Resistors, **02.04**
B85/B85M-09 Specification for Aluminum-Alloy Die Castings, **02.02**
B86-09b Specification for Zinc and Zinc-Aluminum (ZA) Alloy Foundry and D Castings, **02.04**
B87 Withdrawn 1938; Specification for Hard-Drawn Copper Transmission Cable; Replaced by B8
B88-09 Specification for Seamless Copper Water Tube, **02.01**
B88M-05 Specification for Seamless Copper Water Tube [Metric], **02.01**
B89 Withdrawn 1946; Specification for Aluminum and Aluminum- Alloy Bars, Rods, and Wire; Replaced by B211
B90M Withdrawn 1993; Replaced by B90/B90M
B90/B90M-07 Specification for Magnesium-Alloy Sheet and Plate, **02.02**
B91-07 Specification for Magnesium-Alloy Forgings, **02.02**
B92M Withdrawn 1990; Replaced by B92/B92M
B92/B92M-07 Specification for Unalloyed Magnesium Ingot and Stick For Remelting, **02.02**
B93M Withdrawn 1990; Replaced by B93/B93M
B93/B93M-09 Specification for Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, **02.02**
B94-07 Specification for Magnesium-Alloy Die Castings, **02.02**
*B95 Withdrawn 1985; Method of Testing Linear Expansion of Metals; Replaced by E228*4
B96M Withdrawn 1999; Replaced by B96/B96M
B96/B96M-06 Specification for Copper-Silicon Alloy Plate, Sheet, Strip, and Rolled Bar for General Purposes and Pressure Vessels, **02.01**
B97 Withdrawn 1982; Specification for Copper-Silicon Alloy Plate, Sheet, Str and Rolled Bar for General Purposes; Combined with B 96
B98M Withdrawn 1998; Replaced by B98/B98M
B98/B98M-08 Specification for Copper-Silicon Alloy Rod, Bar and Shapes, **02.01**
B99M Withdrawn 1996; Replaced by B99/B99M
B99/B99M-06 Specification for Copper-Silicon Alloy Wire for General Applications, **02.01**
B100-08 Specification for Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use, **02.01**
B101-07 Specification for Lead-Coated Copper Sheet and Strip for Building Construction, **02.01**

102-00(2005) Specification for Lead- and Tin-Alloy Die Castings, **02.04**
103/B103M-09 Specification for Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, **02.01**
104 Withdrawn 1937; Specification for Seamless Copper-Nickel Alloy Condenser Tubes and Ferrule Stock; Replaced by B111
105-05 Specification for Hard-Drawn Copper Alloy Wires for Electric Conductors, **02.03**
106-08 Test Methods for Flexivity of Thermostat Metals, **02.04**
107M Withdrawn 1992; Replaced by B107/B107M
107/B107M-07 Specification for Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, **02.02**
108/B108M-08 Specification for Aluminum-Alloy Permanent Mold Castings, **02.02**
109 Withdrawn 1946; Specification for Aluminum and Aluminum Alloy Sheet and Plate; Replaced by B209
110 Withdrawn 1982; Method of Testing Dielectric Strength of Anodically Coated Aluminum
111M Withdrawn 2004; Specification for Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock [Metric]
111/B111M-09 Specification for Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, **02.01**
112 Withdrawn 1946; Specification for Aluminum-Base Alloys in Ingot Form for Sand Die Castings; Replaced by B179
113 Redesignated 1954 - F113; Method for Bend Testing of Wire (Wire for Radio Tubes and Incandescent Lamps)
114-07 Test Method for Temperature-Resistance Constants of Sheet Materials for Shunts and Precision Resistors, **02.04**
115-00(2004) Specification for Electrolytic Copper Cathode, **02.01**
116-95(2007) Specification for Figure-9 Deep-Grooved and Figure-8 Copper Trolly Wire for Industrial Haulage, **02.03**
117-09 Practice for Operating Salt Spray (Fog) Apparatus, **03.02**
118 Withdrawn 1948; Specification for Nickel and Nickel-Alloy Wire and Ribbon for Electronic Tube Filaments
119 Withdrawn 1976; Classification of Cast Copper-Base Alloys; Replaced by B30, B584
120 Withdrawn 1940; Specification for Copper-Base Alloys in Ingot Form for Sand Casting; Replaced by B30
121/B121M-01(2006) Specification for Leaded Brass Plate, Sheet, Strip, and Rolled Bar, **02.01**
122/B122M-08 Specification for Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, **02.01**
123 Withdrawn 1939; Specification for Copper-Bse Alloys in Ingot Form for Sand Castings; Replaced by B30
124M Withdrawn 2000; Replaced by B124/B124M
124/B124M-09 Specification for Copper and Copper Alloy Forging Rod, Bar, and Shapes, **02.01**
125 Withdrawn 1946; Specification for Aluminum-Base Alloys in Ingot Form for Sand Castings, Die Castings, and Permanent Mold Castings; Replaced by B179
126 Withdrawn 1947; Specification for Aluminum-Manganese Alloy Sheet and Plate for Use in Welded Pressure Vessels; Replaced by B209
127-05(2009) Specification for Nickel-Copper Alloy (UNS N04400) Plate, Sheet, and Strip, **02.04**
128 Withdrawn 1955; Methods of Testing Sleeves and Tubing for Radio Tube Cathodes
129-07 Specification for Cartridge Brass Cartridge Case Cups, **02.01**
130-08 Specification for Commercial Bronze Strip for Bullet Jackets, **02.01**
131-07 Specification for Copper Alloy Bullet Jacket Cups, **02.01**
132 Withdrawn 1973; Specification for Leaded High-Strength Yellow Brass (Maganese Bronze) Sand Castings; Replaced by B584
133 Withdrawn 1994; Specification for Copper Rod, Bar, And Shapes; Replaced by B187
133M Withdrawn 1994; Specification for Copper Rod, Bar, And Shapes [Metric]; Replaced by B187M
134/B134M-08 Specification for Brass Wire, **02.01**
135-08a Specification for Seamless Brass Tube, **02.01**
135M-08a Specification for Seamless Brass Tube [Metric], **02.01**
136-84(2008)$^{\epsilon 1}$ Method for Measurement of Stain Resistance of Anodic Coatings on Aluminum, **02.05**
137-95(2009) Test Method for Measurement of Coating Mass Per Unit Area on Anodically Coated Aluminum, **02.05**
138M Withdrawn 2001; Replaced by B138/B138M
138/B138M-06 Specification for Manganese Bronze Rod, Bar, and Shapes, **02.01**
139M Withdrawn 2001; Replaced by B139/B139M
139/B139M-07 Specification for Phosphor Bronze Rod, Bar, and Shapes, **02.01**
140M Withdrawn 1997; Replaced by B140/B140M
140/B140M-07 Specification for Copper-Zinc-Lead (Red Brass or Hardware Bronze) Rod, Bar, and Shapes, **02.01**
141 Withdrawn 1967; Specification for Electrodeposited Coatings of Nickel and Chromium on Copper and Copper-Base Alloys; Replaced by B456
142 Withdrawn 1967; Specification for Electrodeposited Coatings of Nickel and Chromium on Zinc and Zinc-Base Alloys; Replaced by B456
143 Withdrawn 1973; Specification for Tin-Bronze and Leaded Tin-Bronze Sand Castings; Replaced by B584
144 Withdrawn 1973; Specification for High-Leaded Tin-Bronze Sand Castings; Replaced by B584
145 Withdrawn 1973; Specification for Leaded Red Brass and Leaded Semi-Red Brass Sand Castings; Replaced by B584
B146 Withdrawn 1973; Specification for Leaded Yellow Brass Sand Castings for General Purposes; Replaced by B584
B147 Withdrawn 1973; Specification for High-Strength Yellow Brass (Manganese Bronze) and Leaded High-Strength Yellow Brass (Leaded Manganese Bronze) Sand Castings; Replaced by B584
B148-97(2009) Specification for Aluminum-Bronze Sand Castings, **02.01**
B149 Withdrawn 1973; Specification for Leaded Nickel-Brass (Leaded Nickel-Silver) and Leaded Nickel-Bronze (Leaded Nickel-silver); Replaced by B584
B150M Withdrawn 2002; Replaced by B150/B150M
B150/B150M-08 Specification for Aluminum Bronze Rod, Bar, and Shapes, **02.01**
B151M Withdrawn 2000; Replaced by B151/B151M
B151/B151M-05 Specification for Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, **02.01**
B152M Withdrawn 2000; Replaced by B152/B152M
B152/B152M-09 Specification for Copper Sheet, Strip, Plate, and Rolled Bar, **02.01**
B153-05 Test Method for Expansion (Pin Test) of Copper and Copper-Alloy Pipe and Tubing, **02.01**
B154-05 Test Method for Mercurous Nitrate Test for Copper Alloys, **02.01**
B155 Redesignated 1954 - F155; Method of Test for Temper of Strip and Sheet Metals for Electronic Devices (Spring-Back Method)
B156 Withdrawn 1948; Method of Testing Local Thickness of Electrodeposited Coatings; Replaced by F219
B157 Withdrawn 1955; Methods of Testing Wire for Supports Used in Electronic Devices and Lamps
B158 Withdrawn 1942; Specification for Rope-Lay-Stranded Copper Conductors Having Bunch-Stranded Members for Electrical Conductors; Replaced by B172, B173, B174
B159M Withdrawn 2001; Replaced by B159/B159M
B159/B159M-05 Specification for Phosphor Bronze Wire, **02.01**
B160-05(2009) Specification for Nickel Rod and Bar, **02.04**
B161-05(2009) Specification for Nickel Seamless Pipe and Tube, **02.04**
B162-99(2009) Specification for Nickel Plate, Sheet, and Strip, **02.04**
B163-08 Specification for Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, **02.04**
B164-03(2008) Specification for Nickel-Copper Alloy Rod, Bar, and Wire, **02.04, 02.04**
B165-05(2009) Specification for Nickel-Copper Alloy (UNS N04400)* Seamless Pipe and Tube, **02.04**
B166-08 Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, **02.04**
B167-08 Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, **02.04**
B168-08 Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, **02.04**
B169M Withdrawn 2001; Replaced by B169/B169M
B169/B169M-05 Specification for Aluminum Bronze Sheet, Strip, and Rolled Bar, **02.01**
B170-99(2004) Specification for Oxygen-Free Electrolytic Copper—Refinery Shapes, **02.01**
B171M Withdrawn 1999; Replaced by B171/B171M
B171/B171M-09a Specification for Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, **02.01**
B172-01a(2007)$^{\epsilon 1}$ Specification for Rope-Lay-Stranded Copper Conductors Having Bunch-Stranded Members, for Electrical Conductors, **02.03**
B173-01a(2007)$^{\epsilon 1}$ Specification for Rope-Lay-Stranded Copper Conductors Having Concentric-Stranded Members, for Electrical Conductors, **02.03**
B174-02(2007)$^{\epsilon 1}$ Specification for Bunch-Stranded Copper Conductors for Electrical Conductors, **02.03**
B175 Withdrawn 1955; Specification for Round Nickel Wire for Lamps and Electric Devices
B176-08 Specification for Copper-Alloy Die Castings, **02.01**
B177-01(2006)$^{\epsilon 1}$ Guide for Engineering Chromium Electroplating, **02.05**
B178 Withdrawn 1957; Specification for Aluminum-Alloy Sheet and Plate for Pressure Vessel Application; Replaced by B209
B179-10 Specification for Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, **02.02**
B180 Redesignated 1954 - F180; Method of Test for Density of Fine Wire and Ribbon for Electronic Devices
B181 Withdrawn 1970; Method of Testing Effect of Controlled Atmospheres Upon Alloys in Electric Furnaces
B182 Withdrawn 1982; Method for Life Test of Electrical Contact Materials
B183-79(2009) Practice for Preparation of Low-Carbon Steel for Electroplating, **02.05**
B184 Withdrawn 1969; Specification for Aluminum and Aluminum-Alloy Metal Arc-Welding Electrodes
B185 Withdrawn 1964; Method of Total Immersion Corrosion Test of Non-Ferrous Metals
B186 Withdrawn 1946; Specification for Special Quality Zinc-Base Alloy Die Castings
B187M Withdrawn 2002; Replaced by B187/B187M

B187/B187M-06 Specification for Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, **02.01**
B188-09 Specification for Seamless Copper Bus Pipe and Tube, **02.01**
B189-05 Specification for Lead-Coated and Lead-Alloy-Coated Soft Copper Wire for Electrical Purposes, **02.03**
B190 Withdrawn 1961; Specification for Chromium-Nickel-Iron Alloy Castings (25-12 Class) for High-Temperature Service; Replaced by A447
B191 Withdrawn 1956; Method of Testing Equivalent Yield Stress of Thermostat Metals; Replaced by B305
B192 Withdrawn 1964; Method of Alternate Immersion Corrosion Testing of Non-Ferrous Metals
B193-02(2008) Test Method for Resistivity of Electrical Conductor Materials, **02.03**
B194-08 Specification for Copper-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, **02.01**
B195 Withdrawn 1952; Specification for Copper-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar; Combined with B 194
B196M Withdrawn 2001; Replaced by B196/B196M
B196/B196M-07 Specification for Copper-Beryllium Alloy Rod and Bar, **02.01**
B197M Withdrawn 1998; Replaced by B197/B197M
B197/B197M-07 Specification for Copper-Beryllium Alloy Wire, **02.01**
B198 Withdrawn 1973; Specification for Silicon Bronze and Silicon Brass Sand Castings; Replaced by B584
B199-07 Specification for Magnesium-Alloy Permanent Mold Castings, **02.02**
B200-85(2009) Specification for Electrodeposited Coatings of Lead and Lead-Tin Alloys on Steel and Ferrous Alloys, **02.05**
B201-80(2009)$^{\varepsilon 1}$ Practice for Testing Chromate Coatings on Zinc and Cadmium Surfaces, **02.05**
B202 Withdrawn 1973; Specification for Metal Powder Sintered Bearings (Oil Impregnated); Replaced by B438, B439
B203 Withdrawn 1955; Method of Testing Strength of Welded Joints of Lead Wires for Electronic Devices and Lamps
B204 Redesignated 1954 - F204; Method of Test for Surface Flaws in Tungsten Seal Rod and Wire
B205 Redesignated 1954 - F205; Method of Test for Diameter by Weighing of Fine Wire Used in Electronic Devices and Lamps
B206M Withdrawn 1997; Replaced by B206/B206M
B206/B206M-07 Specification for Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, **02.01**
B207 Redesignated A448
B208-06 Practice for Preparing Tension Test Specimens for Copper Alloy Sand, Permanent Mold, Centrifugal, and Continuous Castings, **02.01**
B209-07 Specification for Aluminum and Aluminum-Alloy Sheet and Plate, **02.02**
B209M-07 Specification for Aluminum and Aluminum-Alloy Sheet and Plate [Metric], **02.02**
B210-04 Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes, **02.02**
B210M-05 Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], **02.02**
B211-03 Specification for Aluminum and Aluminum-Alloy Bar, Rod, and Wire, **02.02**
B211M-03 Specification for Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], **02.02**
B212-09 Test Method for Apparent Density of Free-Flowing Metal Powders Using the Hall Flowmeter Funnel, **02.05**
B213-03 Test Method for Flow Rate of Metal Powders, **02.05**
B214-07 Test Method for Sieve Analysis of Metal Powders, **02.05**
B215-08 Practices for Sampling Metal Powders, **02.05**
B216-97(2003) Specification for Tough-Pitch Fire-Refined Copper—Refinery Shapes, **02.01**
B217 Withdrawn 1965; Specification for Magnesium-Base Alloy Extruded Tubes; Combined with B 107
B218 Redesignated 1954 - F218; Method for Measuring Residual Stress In Cylindrical Metal-to-Glass Seals
B219 Redesignated 1954 - F219; Methods of Testing Fine Round and Flat Wire for Electronic Devices
B220 Withdrawn 1955; Methods of Tension Testing Metallic Materials
B221-08 Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, **02.02**
B221M-07 Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], **02.02**
B222 Withdrawn 1989; Specification for Sintered Iron-Copper Structural Parts; Replaced by B783
B223-08 Test Method for Modulus of Elasticity of Thermostat Metals (Cantilever Beam Method), **02.04**
B224-04 Classification of Coppers, **02.01**
B225 Withdrawn 1969; Specification for Copper and Copper-Alloy Arc-Welding Electrodes
B226-04 Specification for Cored, Annular, Concentric-Lay-Stranded Copper Conductors, **02.03**
B227-04 Specification for Hard-Drawn Copper-Clad Steel Wire, **02.03**
B228-04 Specification for Concentric-Lay-Stranded Copper-Clad Steel Conductors, **02.03**
B229-04 Specification for Concentric-Lay-Stranded Copper and Copper-Clad Steel Composite Conductors, **02.03**
B230M Withdrawn 1999; Replaced by B230/B230M
B230/B230M-07 Specification for Aluminum 1350–H19 Wire for Electrical Purposes, **02.03**
B231M Withdrawn 1999; Replaced by B231/B231M
B231/B231M-04 Specification for Concentric-Lay-Stranded Aluminum 1350 Conductors, **02.03**
B232M Withdrawn 1999; Replaced by B232/B232M
B232/B232M-09 Specification for Concentric-Lay-Stranded Aluminum Conductors, Coated-Steel Reinforced (ACSR), **02.03**
B233-97(2007) Specification for Aluminum 1350 Drawing Stock for Electrical Purposes, **02.03**
B234-04 Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, **02.02**
B234M-04 Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers [Metric], **02.02**
B235 Withdrawn 1963; Specification for Aluminum Alloy Extruded Tubes; Combined with B 221
B236-07 Specification for Aluminum Bars for Electrical Purposes (Bus Bars), **02.02**
B236M-07 Specification for Aluminum Bars for Electrical Purposes (Bus Bars [Metric], **02.02**
B237-01(2006) Specification for Refined Antimony, **02.04**
B238 Redesignated 1954 - F238; Recommended Practice for Cathode Melt Prove-in Testing
B239 Redesignated 1954 - F239; Specification for Circular Cross-Section Nickel Cathode Sleeves for Electronic Devices
B240-09 Specification for Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form for Foundry and Die Castings, **02.04**
B241M Withdrawn 1987; Replaced by B241/B241M
B241/B241M-02 Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, **02.02**
B242-99(2009) Guide for Preparation of High-Carbon Steel for Electroplating, **02.05**
B243-09a Terminology of Powder Metallurgy, **02.05**
B244-09 Test Method for Measurement of Thickness of Anodic Coatings on Aluminum and of Other Nonconductive Coatings on Nonmagnetic Basis Metals with Eddy-Current Instruments, **02.05**
B245 Withdrawn 1969; Specification for Standard Weight Zinc-Coated (Galvanized) Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR); Replaced by B498
B246-05 Specification for Tinned Hard-Drawn and Medium-Hard-Drawn Copper Wire for Electrical Purposes, **02.03**
B247-09 Specification for Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, **02.02**
B247M-09 Specification for Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), **02.02**
B248-07 Specification for General Requirements for Wrought Copper and Copper-Alloy Plate, Sheet, Strip, and Rolled Bar, **02.01**
B248M-07 Specification for General Requirements for Wrought Copper and Copper-Alloy Plate, Sheet, Strip, and Rolled Bar [Metric], **02.01**
B249M Withdrawn 2000; Replaced by B249/B249M
B249/B249M-09 Specification for General Requirements for Wrought Copper and Copper-Alloy Rod, Bar, Shapes and Forgings, **02.01**
B250M Withdrawn 2001; Replaced by B250/B250M
B250/B250M-07 Specification for General Requirements for Wrought Copper Alloy Wire, **02.01**
B251-02$^{\varepsilon 1}$ Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tube, **02.01**
B251M-97(2003) Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tube [Metric], **02.01**
B252-92(2009) Guide for Preparation of Zinc Alloy Die Castings for Electroplating and Conversion Coatings, **02.05**
B253-87(2005)$^{\varepsilon 1}$ Guide for Preparation of Aluminum Alloys for Electroplating, **02.05**
B254-92(2009) Practice for Preparation of and Electroplating on Stainless Steel, **02.05**
B255 Withdrawn 2000; Specification for Sintered Bronze Structural Parts
B256 Redesignated 1954 - F256; Specification for 17 % Chromium-Iron Alloy for Sealing to Glass
B257 Redesignated 1954 - F257; Specification for 28 % Chromium-Iron Alloy for Sealing to Glass
B258-02(2008) Specification for Standard Nominal Diameters and Cross-Sectional Areas of AWG Sizes of Solid Round Wires Used as Electrical Conductors, **02.03**
B259 Withdrawn 1969; Specification for Copper and Copper-Alloy Welding Rods
B260 Withdrawn 1969; Specification for Brazing Filler Metal
B261 Withdrawn 1969; Specification for Zinc-Coated (Galvanized) Steel Core Wire (with Coatings Heavier than Standard Weight) for Aluminum Conductors, Steel Reinforced (ACSR); Replaced by B498
B262 Withdrawn 1978; Specification for Aluminum Wire, EC-H16 or -H26, for Electrical Purposes; Replaced by B609
B263-04 Test Method for Determination of Cross-Sectional Area of Stranded Conductors, **02.03**
B264 Withdrawn 1955; Specification for Titanium Ingot
B265-09a$^{\varepsilon 1}$ Specification for Titanium and Titanium Alloy Strip, Sheet, and Plate, **02.04**
B266 Withdrawn 1955; Specification for Iodide Titanium
B267-07 Specification for Wire for Use In Wire-Wound Resistors, **02.04**
B268 Redesignated 1954 - F268; Specification for Round Chromium-Copper Wire for Electronic Devices
B269 Redesignated 1954 - F269; Method of Test for Sag of Tungsten Wire
B270 Redesignated 1954 - F270; Method of Test for Relative Thermionic Emissive Properties of Materials Used in Electron Tubes

271-08 Specification for Copper-Base Alloy Centrifugal Castings, **02.01**
272-07 Specification for Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), **02.01**
273 Withdrawn 1957; Specification for Aluminum and Aluminum-Alloy Bars, Rods, and Shapes for Pressure Vessel Applications; Replaced by B211, B221, B308/B308M
274 Withdrawn 1957; Specification for Aluminum and Aluminum-Alloy Pipe and Tube for Pressure Vessel Applications; Replaced by B210
275-05 Practice for Codification of Certain Nonferrous Metals and Alloys, Cast and Wrought, **02.02**
276-05$^{\varepsilon 1}$ Test Method for Apparent Porosity in Cemented Carbides, **02.05**
277-95(2006) Test Method for Hardness of Electrical Contact Materials, **02.04**
278 Redesignated 1954 - F278; Method of Test for Sublimation Characteristics of Metallic Materials by Electrical Resistance
279-04 Test Method for Stiffness of Bare Soft Square and Rectangular Copper and Aluminum Wire for Magnet Wire Fabrication, **02.03**
280-08 Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service, **02.01**
281-88(2008) Practice for Preparation of Copper and Copper-Base Alloys for Electroplating and Conversion Coatings, **02.05**
282 Withdrawn 2000; Specification for Sintered Brass Structural Parts
283-09a Specification for Copper and Copper-Alloy Die Forgings (Hot-Pressed), **02.01**
284 Withdrawn 1991; Specification for Rosin Flux-Core Solder
285 Withdrawn 1969; Specification for Aluminum and Aluminum-Alloy Welding Rods and Bare Electrodes
286-07 Specification for Copper Conductors for Use in Hookup Wire for Electronic Equipment, **02.03**
287 Withdrawn 1988; Method of Acetic Acid-Salt Spray (Fog) Testing
288 Redesignated 1954 - F288; Specification for Tungsten Wire under 20 mils in Diameter
289 Redesignated 1954 - F289; Specification for Molybdenum Wire under 20 mils in Diameter
290 Redesignated 1954 - F290; Specification for Round Wire for Use as Electron Tube Grid Laterals and Verticals
291 Withdrawn 1992; Specification for Copper-Zinc-Manganese Alloy (Manganese Brass) Sheet and Strip
292 Withdrawn 1973; Specification for Nickel-Tin Bronze Castings; Replaced by B584
293 Withdrawn 1985; Method of Subsieve Analysis of Granular Metal Powders by Air Classification
294-92(2006)$^{\varepsilon 1}$ Test Method for Hardness Testing of Cemented Carbides, **02.05**
295 Withdrawn 1969; Specification for Nickel and Nickel-Alloy Covered Welding Electrodes
296-03(2008) Practice for Temper Designations of Magnesium Alloys, Cast and Wrought, **02.02**
297 Withdrawn 1969; Specification for Tungsten Arc-Welding Electrodes
298-07 Specification for Silver-Coated Soft or Annealed Copper Wire, **02.03**
299-08 Specification for Titanium Sponge, **02.04**
300 Redesignated 1054 - F300; Test Method for Interface Impedance Characteristics of Tube Cathodes
301M Withdrawn 1999; Replaced by B301/B301M
301/B301M-08 Specification for Free-Cutting Copper Rod, Bar, Wire, and Shapes, **02.01**
302-07 Specification for Threadless Copper Pipe, Standard Sizes, **02.01**
303 Withdrawn 1990; Specification for Copper-Infiltrated Sintered Carbon Steel Structural Parts; Replaced by B783
304 Withdrawn 1969; Specification for Nickel and Nickel-Alloy Bare Welding Rods and Electrodes
305 Withdrawn 1986; Test Method for Maximum Loading Stress at Temperature of Thermostat Metals (Cantilever Beam Method)
306-09 Specification for Copper Drainage Tube (DWV), **02.01**
307 Withdrawn 1968; Specification for Aluminum-Alloy Drawn Seamless Coiled Tubes for Special Purpose Applications; Replaced by B210
308M Withdrawn 1991; Replaced by B308/B308M
308/B308M-10 Specification for Aluminum-Alloy 6061-T6 Standard Structural Profiles, **02.02**
309 Withdrawn 1964; Specification for High Density Iron, Sintered Metal Powder Structural Parts; Combined with B 310
310 Withdrawn 1990; Specification for Sintered Carbon Steel Structural Parts; Replaced by B783
311-08 Test Method for Density of Powder Metallurgy (PM) Materials Containing Less Than Two Percent Porosity, **02.05**
312-09 Test Method for Green Strength of Specimens Compacted from Metal Powders, **02.05**
313M Withdrawn 1991; Replaced by B313/B313M
313/B313M-09 Specification for Aluminum and Aluminum-Alloy Round Welded Tubes, **02.02**
314 Withdrawn 1994; Specification for Aluminum 1350 Wire for Communication Cable
315-06 Specification for Seamless Copper Alloy Pipe and Tube, **02.01**
316M Withdrawn 1993; Replaced by B316/B316M
316/B316M-10 Specification for Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, **02.02**
317/B317M-07 Specification for Aluminum-Alloy Extruded Bar, Rod, Tube, Pipe, Structural Profiles, and Profiles for Electrical Purposes (Bus Conductor), **02.02**
318 Withdrawn 1963; Specification for Type A and Type B Aluminum-Alloy Drawn Annealed Seamless Coiled Tubes; Combined with B 307
B319-91(2009) Guide for Preparation of Lead and Lead Alloys for Electroplating, **02.05**
B320-60(2008) Practice for Preparation of Iron Castings for Electroplating, **02.05**
B321 Withdrawn 1963; Recommended Practice for Dimension Standards for Projection Welding Contacts
B322-99(2009) Guide for Cleaning Metals Prior to Electroplating, **02.05**
B323 Withdrawn 1990; Specification for Aluminum Wire, EC-H14 or -H24, for Electrical Purposes; Replaced by B609
B324-01(2007) Specification for Aluminum Rectangular and Square Wire for Electrical Purposes, **02.03**
B325 Withdrawn 1965; Specification for Refined Secondary Lead
B326 Withdrawn 1991; Test Method for Resistance Characteristics of Microcontacts
B327-09a Specification for Master Alloys Used in Making Zinc Die Casting Alloys, **02.04**
B328 Withdrawn 2009; Test Method for Density, Oil Content, and Interconnected Porosity of Sintered Metal Structural Parts and Oil-Impregnated Bearings; Replaced by B962 and B963
B329-06 Test Method for Apparent Density of Metal Powders and Compounds Using the Scott Volumeter, **02.05**
B330-07 Test Method for Fisher Number of Metal Powders and Related Compounds, **02.05**
B331-95(2002) Test Method for Compressibility of Metal Powders in Uniaxial Compaction, **02.05**
B332 Redesignated 1962 - A494; Specification for Nickel-Molybdenum and Nickel-Molybdenum-Chromium Alloy Castings
B333-03(2008) Specification for Nickel-Molybdenum Alloy Plate, Sheet, and Strip, **02.04**
B334 Withdrawn 1980; Specification for Nickel-Molybdenum-Chromium Alloy (UNS N10002) Plate and Sheet
B335-03(2008) Specification for Nickel-Molybdenum Alloy Rod, **02.04**
B336 Withdrawn 1980; Specification for Nickel-Molybdenum-Chromium Alloy (UNS N10002) Rod
B337 Withdrawn 1997; Specification for Seamless and Welded Titanium and Titanium Alloy Pipe; Replaced by B861 and B862
B338-09 Specification for Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, **02.04**
B339-00(2005) Specification for Pig Tin, **02.04**
B340 Withdrawn 1991; Test Method for Surety of Make of Electrical Contact Materials
B341/B341M Withdrawn 2007; Specification for Aluminum-Coated (Aluminized) Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR/AZ)
B342 Withdrawn 1985; Test Method for Electrical Conductivity by Use of Eddy Currents; Replaced by E1004
B343-92a(2009) Practice for Preparation of Nickel for Electroplating with Nickel, **02.05**
B344-01 Specification for Drawn or Rolled Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating Elements, **02.04**
B345M Withdrawn 1998—Combined with B 345
B345/B345M-02 Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, **02.02**
B346 Withdrawn 1966; Specification for Machinable High-Density Tungsten-Nickel-Copper Alloys
B347 Withdrawn 1992; Test Method for Hardness of Sintered Metal Friction Materials
B348-09 Specification for Titanium and Titanium Alloy Bars and Billets, **02.04**
B349/B349M-09 Specification for Zirconium Sponge and Other Forms of Virgin Metal for Nuclear Application, **02.04**
B350/B350M-02(2006) Specification for Zirconium and Zirconium Alloy Ingots for Nuclear Application, **02.04**
B351/B351M-08$^{\varepsilon 1}$ Specification for Hot-Rolled and Cold-Finished Zirconium and Zirconium Alloy Bars, Rod, and Wire for Nuclear Application, **02.04**
B352/B352M-02(2006) Specification for Zirconium and Zirconium Alloy Sheet, Strip, and Plate for Nuclear Application, **02.04**
B353-07 Specification for Wrought Zirconium and Zirconium Alloy Seamless and Welded Tubes for Nuclear Service (Except Nuclear Fuel Cladding), **02.04**
B354-05 Terminology Relating to Uninsulated Metallic Electrical Conductors, **02.03**
B355-06 Specification for Nickel-Coated Soft or Annealed Copper Wire, **02.03**
B356 Withdrawn 1976; Specification for Zirconium and Zirconium Alloy Forgings and Extrusions for Nuclear Application
B357 Withdrawn 1987; Specification for Remelted Lithium Metal in Ingot Form
B358 Withdrawn 1980; Specification for Copper-Nickel Addition Alloy; Replaced by B644
B359M Withdrawn 2002; Replaced by B359/B359M
B359/B359M-02(2006) Specification for Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, **02.01**
B360-09 Specification for Hard-Drawn Copper Capillary Tube for Restrictor Applications, **02.01**
B361-08 Specification for Factory-Made Wrought Aluminum and Aluminum-Alloy Welding Fittings, **02.02**
B362-91(2008) Test Method for Mechanical Torque Rate of Spiral Coils of Thermostat Metal, **02.04**
B363-06a Specification for Seamless and Welded Unalloyed Titanium and Titanium Alloy Welding Fittings, **02.04**
B364-96(2009) Specification for Tantalum and Tantalum Alloy Ingots, **02.04**

B365-98(2004) Specification for Tantalum and Tantalum Alloy Rod and Wire, **02.04**
B366-04b$^{\varepsilon 1}$ Specification for Factory-Made Wrought Nickel and Nickel Alloy Fittings, **02.04**
B367-09 Specification for Titanium and Titanium Alloy Castings, **02.04**
B368-09 Test Method for Copper-Accelerated Acetic Acid-Salt Spray (Fog) Testing (CASS Test), **02.05**
B369-09 Specification for Copper-Nickel Alloy Castings, **02.01**
B370-09 Specification for Copper Sheet and Strip for Building Construction, **02.01**
B371/B371M-08 Specification for Copper-Zinc-Silicon Alloy Rod, **02.01**
B372-97(2003) Specification for Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, **02.01**
B373-00(2006) Specification for Aluminum Foil for Capacitors, **02.02**
B374-06 Terminology Relating to Electroplating, **02.05**
B375 Withdrawn 1967; Specification for Electrodeposited Coatings of Multi-Layer Nickel Plus Chromium on Steel; Replaced by B456
B376 Withdrawn 1992; Test Method for Density of Sintered Metal Friction Materials
B377 Withdrawn 1972; Specification for Steel Backed Metal Powder Bearing and Bushing Alloys
B378 Withdrawn 1992; Test Method for Transverse Rupture Strength of Sintered Metal Friction Materials
B379-04 Specification for Phosphorized Coppers—Refinery Shapes, **02.01**
B380-97(2008)$^{\varepsilon 1}$ Test Method for Corrosion Testing of Decorative Electrodeposited Coatings by the Corrodkote Procedure, **02.05**
B381-09 Specification for Titanium and Titanium Alloy Forgings, **02.04**
B382 Withdrawn 1969; Specification for Titanium and Titanium Alloy Bare Welding Rods and Electrodes
B383 Withdrawn 1980; Specification for Primary Niobium
B384 Withdrawn 1986; Specification for Molybdenum and Molybdenum Alloy Forgings
B385 Withdrawn 1986; Specification for Molybdenum and Molybdenum Alloy Billets for Reforging
B386-03 Specification for Molybdenum and Molybdenum Alloy Plate,Sheet, Strip, and Foil, **02.04**
B387 Withdrawn 2010; Specification for Molybdenum and Molybdenum Alloy Bar, Rod, and Wire
B388-06 Specification for Thermostat Metal Sheet and Strip, **02.04**
B389-81(2008) Test Method for Thermal Deflection Rate of Spiral and Helical Coils of Thermostat Metal, **02.04**
B390-92(2006) Practice for Evaluating Apparent Grain Size and Distribution of Cemented Tungsten Carbides, **02.05**
B391-09$^{\varepsilon 1}$ Specification for Niobium and Niobium Alloy Ingots, **02.04**
B392-09$^{\varepsilon 1}$ Specification for Niobium and Niobium Alloy Bar, Rod, and Wire, **02.04**
B393-09$^{\varepsilon 1}$ Specification for Niobium and Niobium Alloy Strip, Sheet, and Plate, **02.04**
B394-09$^{\varepsilon 1}$ Specification for Niobium and Niobium Alloy Seamless and Welded Tubes, **02.04**
B395M Withdrawn 2002;Replaced by B395/B395M
B395/B395M-08 Specification for U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, **02.01**
B396 Withdrawn 2003; Specification for Aluminum-Alloy 5005-H19 Wire for Electrical Purposes
B397 Withdrawn 2003; Specification for Concentric-Lay-Stranded Aluminum-Alloy 5005-H19 Conductors
B398M Withdrawn 1999; Replaced by B398/B398M
B398/B398M-02(2007) Specification for Aluminum-Alloy 6201-T81 Wire for Electrical Purposes, **02.03**
B399M Withdrawn 1999; Replaced by B399/B399M
B399/B399M-04 Specification for Concentric-Lay-Stranded Aluminum-Alloy 6201-T81 Conductors, **02.03**
B400-08 Specification for Compact Round Concentric-Lay-Stranded Aluminum 1350 Conductors, **02.03**
B401-04 Specification for Compact Round Concentric-Lay-Stranded Aluminum Conductors, Steel-Reinforced (ACSR/COMP), **02.03**
B402 Withdrawn 1987; Specification for Copper-Nickel Alloy Plate and Sheet for Pressure Vessels; Replaced by B171
B402M Withdrawn 1987; Specification for Copper-Nickel Alloy Plate and Sheet for Pressure Vessels [Metric]; Replaced by B171M
B403-07 Specification for Magnesium-Alloy Investment Castings, **02.02**
B404M Withdrawn 1998—Combined with B 404
B404/B404M Withdrawn 2006; Specification for Aluminum and Aluminum-Alloy Seamless Condenser and Heat-Exchanger Tubes with Integral Fins
B405 Withdrawn 1967; Specification for Electrodeposited Coatings of Multi-Layer Nickel Plus Chromium on Zinc and Zinc-Base Alloys; Replaced by B456
B406-96(2005) Test Method for Transverse Rupture Strength of Cemented Carbides, **02.05**
B407-08a Specification for Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, **02.04**
B408-06 Specification for Nickel-Iron-Chromium Alloy Rod and Bar, **02.04**
B409-06$^{\varepsilon 1}$ Specification for Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip, **02.04**
B410 Withdrawn 1980; Specification for Unalloyed Sintered Tungsten Billets, Bars, Rods, and Performs for Forging
B411/B411M-08 Specification for Copper-Nickel-Silicon Alloy Rod and Bar, **02.01**
B412 Withdrawn 2000; Specification for Copper-Nickel-Silicon Alloy Wire
B413-97a(2008) Specification for Refined Silver, **02.04**
B414 Withdrawn 1975; Specification for Primary Hafnium Metal Sponge and Other Forms
B415-98(2007) Specification for Hard-Drawn Aluminum-Clad Steel Wire, **02.0**
B416-98(2007) Specification for Concentric-Lay-Stranded Aluminum-Clad Steel Conductors, **02.03**
B417-00(2006)$^{\varepsilon 1}$ Test Method for Apparent Density of Non-Free-Flowing Met Powders Using the Carney Funnel, **02.05**
B418-09 Specification for Cast and Wrought Galvanic Zinc Anodes, **02.04**
B419 Withdrawn 1972; Specification for Unalloyed Uranium Castings
B420 Withdrawn 1972; Specification for Unalloyed Uranium Melting Stock
B421 Withdrawn 1989; Test Method for Electrical Resistivity of Cemented Tungsten Carbides
B422-08a Specification for Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet a Strip, **02.01**
B423-05(2009) Specification for Nickel-Iron-Chromium-Molybdenum-Copper Alloy (UNS N08825 and N08221)* Seamless Pipe and Tube, **02.04**
B424-05(2009) Specification for Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825 and UN N08221)* Plate, Sheet, and Strip, **02.04**
B425-99(2009) Specification for Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825 and UN N08221)* Rod and Bar, **02.04**
B426 Withdrawn 1990; Specification for Sintered Copper-Steel Structural Parts; Replaced by B783
B427-09 Specification for Gear Bronze Alloy Castings, **02.01**
B428-09 Test Method for Angle of Twist in Rectangular and Square Copper and Copper Alloy Tube, **02.01**
B429/B429M-06 Specification for Aluminum-Alloy Extruded Structural Pipe a Tube, **02.02**
B430-97(2006)$^{\varepsilon 1}$ Test Method for Particle Size Distribution of Refractory Met Powders and Related Compounds by Turbidimetry, **02.05**
B431 Withdrawn 1993; Practice for Processing of Mandrels for Electroformin Replaced by B832
B432-09a Specification for Copper and Copper Alloy Clad Steel Plate, **02.01**
B433 Withdrawn 1976; Specification for Copper-Nickel Alloys in Ingot Form f Castings; Replaced by B30
B434-06 Specification for Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, UNS N10242)* Plate, SheetING, and Strip, **02.04**
B435-06 Specification for UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Plate, Sheet, and Strip, **02.04**
B436 Withdrawn 1980; Specification for Nickel-Chromium-Molybdenum-Iron-Columbium Alloy (UNS N06001) Sheet and Plate
B437 Withdrawn 1981; Method for Tension Testing of Cemented Carbides
B438-08 Specification for Bronze-Base Powder Metallurgy (PM) Bearings (Oil-Impregnated), **02.05**
B438M Withdrawn 1998; Replaced by B438/B438M
B439-08 Specification for Iron-Base Powder Metallurgy (PM) Bearings (Oil-Impregnated), **02.05**
B440-00(2005) Specification for Cadmium, **02.04**
B441-04 Specification for Copper-Cobalt-Beryllium and Copper-Nickel-Beryllium Rod and Bar (UNS Nos. C17500 and C17510), **02.01**
B442 Withdrawn 1993; Specification for Tough-Pitch Chemically Refined Copper Refinery Shapes
B443-00(2009) Specification for Nickel-Chromium-Molybdenum-Columbium Alloy(UNS N06625) and Nickel-Chromium-Molybdenum-SiliconAlloy (UN N06219)* Plate, Sheet, and Strip, **02.04**
B444-06 Specification for Nickel-Chromium-Molybdenum-Columbium Alloys (UNS N06625 and UNS N06852) and Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219) Pipe and Tube, **02.04**
B445 Withdrawn 1995; Specification for Nickel-Chromium-Iron-Columbium-Molybdenum-Tungsten Alloy (UNS N06102) Seamless Pipe and Tube
B446-03(2008) Specification for Nickel-Chromium-Molybdenum-Columbium Alloy (UNS N06625), Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219), and Nickel-Chromium-Molybdenum-Tungsten Alloy (UNS N06650)* Rod and Bar, **02.04**
B447-07 Specification for Welded Copper Tube, **02.01**
B448 Withdrawn 1969; Specification for Magnesium-Alloy Welding Rods and Bare Electrodes
B449-93(2004) Specification for Chromates on Aluminum, **02.05**
B450 Withdrawn 1993; Practice for Engineering Design of Electroformed Articles; Replaced by B832
B451 Withdrawn 1998; Specification for Copper Foil, Strip, and Sheet for Printed Circuits and Carrier Tapes
B452-09 Specification for Copper-Clad Steel Wire for Electronic Application, **02.03**
B453M Withdrawn 2001; Replaced by B453/B453M
B453/B453M-08 Specification for Copper-Zinc-Lead Alloy (Leaded-Brass) Ro Bar, and Shapes, **02.01**
B454 Withdrawn 1982; Specification for Mechanically Deposited Coatings of Cadmium and Zinc on Ferrous Metals; Replaced by B695, B696
B455-05 Specification for Copper-Zinc-Lead Alloy (Leaded-Brass) Extruded Shapes, **02.01**
B456-03(2009) Specification for Electrodeposited Coatings of Copper Plus Nickel Plus, **02.05**
B457-67(2008)$^{\varepsilon 1}$ Test Method for Measurement of Impedance of Anodic Coatings on Aluminum, **02.05**
B458 Withdrawn 2000; Specification for Sintered Nickel Silver Structural Par
B459 Withdrawn 1992; Test Method for Dynamic Coefficient of Friction and Wear of Sintered Metal Friction Materials Under Dry Conditions

460 *Withdrawn 1992; Test Method for Dynamic Coefficient of Friction and Wear of Sintered Metal Friction Materials Under Dry Conditions*

461 *Withdrawn 1992; Test Method for Frictional Characteristics of Sintered Metal Friction Materials Run in Lubricants*

462-06 Specification for Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, and UNS R20033 Alloy Pipe Flanges, **02.04**

463-04(2009) Specification for UNS N08020, UNS N08026, and UNS N08024 Alloy Plate, Sheet, and Strip, **02.04**

464-05(2009) Specification for Welded UNS N08020, N08024, and N08026 Alloy Pipe, **02.04**

465-09 Specification for Copper-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, **02.01**

466M *Withdrawn 1998; Replaced by B466/B466M*

466/B466M-09 Specification for Seamless Copper-Nickel Pipe and Tube, **02.01**

467-09 Specification for Welded Copper-Nickel Pipe, **02.01**

468-04(2009) Specification for Welded UNS N08020, N08024, and N08026 Alloy Tubes, **02.04**

469 *Withdrawn 2000; Specification for Seamless Copper-Alloy Tubes for Pressure Applications*

470-02(2007) Specification for Bonded Copper Conductors for Use in Hookup Wires for Electronic Equipment, **02.03**

471 *Withdrawn 1999; Specification for UNS N08020, UNS N08026, and UNS N08024 Nickel Alloy Spring Wire*

472-04a(2009) Specification for Nickel Alloy Billets and Bars for Reforging, **02.04**

473-07 Specification for UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Bar and Wire, **02.04**

474-03(2009) Specification for Electric Fusion Welded Nickel and Nickel Alloy Pipe, **02.04**

475-07 Specification for UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Round Weaving Wire, **02.04**

476-01(2006) Specification for General Requirements for Wrought Precious Metal Electrical Contact Materials, **02.04**

477-97(2008) Specification for Gold-Silver-Nickel Electrical Contact Alloy, **02.04**

478-85(2008) Test Method for Cross Curvature of Thermostat Metals, **02.04**

479-06 Specification for Annealed Aluminum and Aluminum-Alloy Foil for Flexible Barrier, Food Contact, and Other Applications, **02.02**

480-88(2006) Guide for Preparation of Magnesium and Magnesium Alloys for Electroplating, **02.05**

481-68(2008) Practice for Preparation of Titanium and Titanium Alloys for Electroplating, **02.05**

482-85(2008) Practice for Preparation of Tungsten and Tungsten Alloys for Electroplating, **02.05**

483M *Withdrawn 1998—Combined with B 483*

483/B483M-03 Specification for Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, **02.02**

484 *Withdrawn 1990; Specification for Sintered Nickel Steel Structural Parts; Replaced by B783*

485 *Withdrawn 1984; Method for Diametral Compression Testing of Cemented Carbides*

486 *Withdrawn 1991; Specification for Paste Solder*

487-85(2007) Test Method for Measurement of Metal and Oxide Coating Thickness by Microscopical Examination of Cross Section, **02.05**

488-01(2006) Specification for Electrodeposited Coatings of Gold for Engineering Uses, **02.05**

489-85(2008)$^{\epsilon 1}$ Practice for Bend Test for Ductility of Electrodeposited and Autocatalytically Deposited Metal Coatings on Metals, **02.05**

490-09 Practice for Micrometer Bend Test for Ductility of Electrodeposits, **02.05**

491M *Withdrawn 1991; Replaced by B491/B491M*

491/B491M-06 Specification for Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, **02.02**

492 *Withdrawn 1990; Specification for Cast Copper-Nickel Ship Tailshaft Sleeves*

493/B493M-08$^{\epsilon 1}$ Specification for Zirconium and Zirconium Alloy Forgings, **02.04**

494/B494M-08 Specification for Primary Zirconium, **02.04**

495-05 Specification for Zirconium and Zirconium Alloy Ingots, **02.04**

496-04 Specification for Compact Round Concentric-Lay-Stranded Copper Conductors, **02.03**

497-00(2006) Guide for Measuring Voltage Drop on Closed Arcing Contacts, **02.04**

498M *Withdrawn 1998; Replaced by B498/B498M*

498/B498M-08 Specification for Zinc-Coated (Galvanized) Steel Core Wire for Aluminum and Aluminum-Alloy Conductors, Steel Reinforced (ACSR), **02.03**

499-09 Test Method for Measurement of Coating Thicknesses by the Magnetic Method: Nonmagnetic Coatings on Magnetic Basis Metals, **02.05**

500M *Withdrawn 1998; Replaced by B500/B500M*

500/B500M-09 Specification for Metallic Coated Stranded Steel Core for Use in Overhead Electrical Conductors, **02.03**

501-04 Specification for Silver-Coated, Copper-Clad Steel Wire for Electronic Application, **02.03**

502-02(2007) Specification for Aluminum-Clad Steel Core Wire for Aluminum Conductors, Aluminum-Clad Steel Reinforced, **02.03**

B503 Withdrawn 1992; Practice for Use of Copper And Nickel Electroplating Solutions for Electroforming; Replaced by B 832

B504-90(2007) Test Method for Measurement of Thickness of Metallic Coatings by the Coulometric Method, **02.05**

B505/B505M-09 Specification for Copper Alloy Continuous Castings, **02.01**

B506-09 Specification for Copper-Clad Stainless Steel Sheet and Strip for Building Construction, **02.01**

B507-86(2008)$^{\epsilon 1}$ Practice for Design of Articles to Be Electroplated on Racks, **02.05**

B508-08 Specification for Copper Alloy Strip for Flexible Metal Hose, **02.01**

B509 Withdrawn 1991; Specification for Supplementary Requirements for Nickel Alloy Plate for Nuclear Applications

B510 Withdrawn 1991; Specification for Supplementary Requirements for Nickel Alloy Rod and Bar for Nuclear Applications

B511-01(2009) Specification for Nickel-Iron-Chromium-Silicon Alloy Bars and Shapes, **02.04**

B512-04(2009) Specification for Nickel-Chromium-Silicon Alloy (UNS N08330) Billets and Bars, **02.04**

B513 Withdrawn 1991; Specification for Supplementary Requirements for Nickel Alloy Seamless Pipe for Nuclear Applications

B514-05(2009) Specification for Welded Nickel-Iron-Chromium Alloy Pipe, **02.04**

B515-95(2009) Specification for Welded UNS N08120, UNS N08800, UNS N08810, and UNS N08811 Alloy Tubes, **02.04**

B516-03(2009) Specification for Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, sueand UNS N06045) Tubes, **02.04**

B517-05(2009) Specification for Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, **02.04**

B518 Withdrawn 1995; Specification for Nickel-Chromium-Iron-Columbium-Molybdenum-Tungsten Alloy (UNS N06102) Rod and Bar

B519 Withdrawn 1995; Specification for Nickel-Chromium-Iron-Columbium-Molybdenum-Tungsten Alloy (UNS N06102) Seamless Plate, Sheet, and Strip

B520-93(2007) Specification for Tin-Coated, Copper-Clad Steel Wire for Electronic Application, **02.03**

B521-98(2004) Specification for Tantalum and Tantalum Alloy Seamless and Welded Tubes, **02.04**

B522-01(2006) Specification for Gold-Silver-Platinum Electrical Contact Alloy, **02.04**

B523/B523M-07 Specification for Seamless and Welded Zirconium and Zirconium Alloy Tubes, **02.04**

B524M Withdrawn 1999; Replaced by B524/B524M

B524/B524M-99(2005) Specification for Concentric-Lay-Stranded Aluminum Conductors, Aluminum-Alloy Reinforced (ACAR, 1350/6201), **02.03**

B525 Withdrawn 1990; Specification for Sintered Austenitic Stainless Steel Structural Parts; Replaced by B783

B526 Withdrawn 1992; Test Method for Coefficient of Friction and Wear of Sintered Metal Friction Materials Under Dry-Clutch Conditions

B527-06 Test Method for Determination of Tap Density of Metallic Powders and Compounds, **02.05**

B528-05 Test Method for Transverse Rupture Strength of Metal Powder Specimens, **02.05**

B529 Withdrawn 1979; Test Method for Measurement of Coating Thickness by the Eddy Current Test Method: Non-Conductive Coating on Nonmagnetic Basis Metals; Replaced by B244

B530-09 Test Method for Measurement of Coating Thicknesses by the Magnetic Method: Electrodeposited Nickel Coatings on Magnetic and Nonmagnetic Substrates, **02.05**

B531 Withdrawn 2003; Specification for Aluminum-Alloy 5005 Drawing Stock for Electrical Purposes

B532-85(2007) Specification for Appearance of Electroplated Plastic Surfaces, **02.05**

B533-85(2009) Test Method for Peel Strength of Metal Electroplated Plastics, **02.05**

B534-07 Specification for Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, **02.01**

B535-06 Specification for Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Seamless Pipe and Tube, **02.04**

B536-07 Specification for Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Plate, Sheet, and Strip, **02.04**

B537-70(2007) Practice for Rating of Electroplated Panels Subjected to Atmospheric Exposure, **02.05**

B538 Withdrawn 1987; Method of FACT (Ford Anodized Aluminum Corrosion) Test)

B539-02(2008) Test Methods for Measuring Resistance of Electrical Connections (Static Contacts), **02.04**

B540-97(2008) Specification for Palladium Electrical Contact Alloy, **02.04**

B541-01(2006) Specification for Gold Electrical Contact Alloy, **02.04**

B542-07 Terminology Relating to Electrical Contacts and Their Use, **02.04**

B543-07$^{\epsilon 1}$ Specification for Welded Copper and Copper-Alloy Heat Exchanger Tube, **02.01**

B543M Withdrawn 2000; Specification for Welded Copper and Copper-Alloy Heat Exchanger Tube [Metric]

B544 Withdrawn 1978; Specification for Round Solid EC Grade Aluminum Conductor; Replaced by B609

B545-97(2009) Specification for Electrodeposited Coatings of Tin, **02.05**

B546-04(2009) Specification for Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and

Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, **02.04**

B547/B547M-10 Specification for Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, **02.02**

B548-03(2009) Test Method for Ultrasonic Inspection of Aluminum-Alloy Plate for Pressure Vessels, **02.02**

B549-04 Specification for Concentric-Lay-Stranded Aluminum Conductors, Aluminum-Clad Steel Reinforced (ACSR/AW), **02.03**

B550/B550M-07 Specification for Zirconium and Zirconium Alloy Bar and Wire, **02.04**

B551/B551M-07 Specification for Zirconium and Zirconium Alloy Strip, Sheet, and Plate, **02.04**

B552-08 Specification for Seamless and Welded Copper–Nickel Tubes for Water Desalting Plants, **02.01**

B553 Withdrawn 1992; Test Method for Thermal Cycling of Electroplated Plastics

B554 Withdrawn 1987; Recommended Practice for Measurement of Thickness of Metallic Coatings on Nonmetallic Substrates; Replaced by B659

B555-86(2007) Guide for Measurement of Electrodeposited Metallic Coating Thicknesses by Dropping Test, **02.05**

B556-90(2007) Guide for Measurement of Thin Chromium Coatings by Spot Test, **02.05**

B557-06 Test Methods for Tension Testing Wrought and Cast Aluminum- and Magnesium-Alloy Products, **02.02**

B557M-07$^{\varepsilon 1}$ Test Methods for Tension Testing Wrought and Cast Aluminum- and Magnesium-Alloy Products [Metric], **02.02**

B558-79(2008) Practice for Preparation of Nickel Alloys for Electroplating, **02.05**

B559-93(2007) Specification for Nickel-Coated, Copper-Clad Steel Wire for Electronic Application, **02.03**

B560-00(2005) Specification for Modern Pewter Alloys, **02.04**

B561-94(2005) Specification for Refined Platinum, **02.04**

B562-95(2005) Specification for Refined Gold, **02.04**

B563-01(2006) Specification for Palladium-Silver-Copper Electrical Contact Alloy, **02.04**

B564-06a Specification for Nickel Alloy Forgings, **02.04**

B565-04(2010) Test Method for Shear Testing of Aluminum and Aluminum-Alloy Rivets and Cold-Heading Wire and Rods, **02.02**

B566-04a Specification for Copper-Clad Aluminum Wire, **02.03**

B567-98R09A Test Method for Measurement of Coating Thickness by the Beta Backscatter Method, **02.05**

B568-98(2009) Test Method for Measurement of Coating Thickness by X-Ray Spectrometry, **02.05**

B569-09 Specification for Brass Strip in Narrow Widths and LightSue Gage for Heat-Exchanger Tubing, **02.01**

B570-06 Specification for Copper-Beryllium Alloy (UNS Nos. C17000 and C17200) Forgings and Extrusions, **02.01**

B571-97(2008)$^{\varepsilon 1}$ Practice for Qualitative Adhesion Testing of Metallic Coatings, **02.05**

B572-06 Specification for UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Rod, **02.04**

B573-06 Specification for Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, N10242)* Rod, **02.04**

B574-06$^{\varepsilon 1}$ Specification for Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, **02.04**

B575-06 Specification for Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, **02.04**

B576-94(2005) Guide for Arc Erosion Testing of Electrical Contact Materials, **02.04**

B577-93(2004)$^{\varepsilon 1}$ Test Methods for Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, **02.01**

B578-87(2009) Test Method for Microhardness of Electroplated Coatings, **02.05**

B579-73(2009) Specification for Electrodeposited Coatings of Tin-Lead Alloy (Solder Plate), **02.05**

B580-79(2009) Specification for Anodic Oxide Coatings on Aluminum, **02.05**

B581-02(2008) Specification for Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, **02.04**

B582-07 Specification for Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip, **02.04**

B583 Withdrawn 1986; Test Method for Porosity in Gold Coatings on Metal Substrates; Replaced by B735, B741

B584-09a Specification for Copper Alloy Sand Castings for General Applications, **02.01**

B585 Withdrawn 1989; Specification for Seamless Copper-Alloy Water Tube

B586 Withdrawn 1988; Specification for Welded Copper-Alloy Water Tube

B587-08 Specification for Welded Brass Tube, **02.01**

B588-88(2006) Test Method for Measurement of Thickness of Transparent or Opaque Coatings by Double-Beam Interference Microscope Technique, **02.05**

B589-94(2005) Specification for Refined Palladium, **02.04**

B590 Withdrawn 1981; Specification for Nickel-Iron-Chromium-Manganese-Molybdenum Alloy (UNS N08245) Plate, Sheet, and Strip

B591-09 Specification for Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, **02.01**

B592-01(2006) Specification for Copper-Zinc-Aluminum-Cobalt Alloy, Copper-Zinc-Tin-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, **02.01**

B593-96(2009)$^{\varepsilon 1}$ Test Method for Bending Fatigue Testing for Copper-Alloy Spring Materials, **02.01**

B594-09 Practice for Ultrasonic Inspection of Aluminum-Alloy Wrought Products for Aerospace Applications, **02.02**

B595-95(2006) Specification for Sintered Aluminum Structural Parts, **02.05**

B596-89(2006) Specification for Gold-Copper Alloy Electrical Contact Materia **02.04**

B597 Withdrawn 2002; Practice for Heat Treatment of Aluminum Alloys; Replaced by B917, B918

B598-09 Practice for Determining Offset Yield Strength in Tension for Copper Alloys, **02.01**

B599-92(2009)$^{\varepsilon 1}$ Specification for Nickel-Iron-Chromium-Molybdenum-Columbium Stabilized Alloy (UNS N08700) Plate, Sheet, and Strip, **02.04**

B600-09 Guide for Descaling and Cleaning Titanium and Titanium Alloy Surfaces, **02.04**

B601-09 Classification for Temper Designations for Copper and Copper Alloys—Wrought and Cast, **02.01**

B602-88(2005) Test Method for Attribute Sampling of Metallic and Inorganic Coatings, **02.05**

B603-07 Specification for Drawn or Rolled Iron-Chromium-Aluminum Alloys f Electrical Heating Elements, **02.04**

B604-91(2008) Specification for Decorative Electroplated Coatings of Copper Plus Nickel Plus Chromium on Plastics, **02.05**

B605-95a(2009) Specification for Electrodeposited Coatings of Tin-Nickel Alloy, **02.05**

B606-08 Specification for High-Strength Zinc-Coated (Galvanized) Steel Core Wire for Aluminum and Aluminum-Alloy Conductors, Steel Reinforced, **02.03**

B607-91(2009) Specification for Autocatalytic Nickel Boron Coatings for Engineering Use, **02.05**

B608-07 Specification for Welded Copper-Alloy Pipe, **02.01**

B609M Withdrawn 1999; Replaced by B609/B609M

B609/B609M-99(2004) Specification for Aluminum 1350 Round Wire, Annealed and Intermediate Tempers, for Electrical Purposes, **02.03**

B610-08 Test Method for Measuring Dimensional Changes Associated with Processing Metal Powders, **02.05**

B611-85(2005) Test Method for Abrasive Wear Resistance of Cemented Carbides, **02.05**

B612 Withdrawn 2007; Specification for Iron Bronze Sintered Bearings (Oil-Impregnated); Replaced by B439

B613-76(2006) Guide for Preparing Specifications for Miniature Brushes of Composite Materials for Sliding Electric Contacts, **02.04**

B614-05 Practice for Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, **02.04**

B615-79(2006) Practice for Measuring Electrical Contact Noise in Sliding Electrical Contacts, **02.04**

B616-96(2006) Specification for Refined Rhodium, **02.04**

B617-98(2004) Specification for Coin Silver Electrical Contact Alloy, **02.04**

B618/B618M-08 Specification for Aluminum-Alloy Investment Castings, **02.02**

B619-06 Specification for Welded Nickel and Nickel-Cobalt Alloy Pipe, **02.04**

B620-03(2008) Specification for Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Plate, Sheet, and Strip, **02.04**

B621-02(2006) Specification for Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Rod, **02.04**

B622-06 Specification for Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, **02.04**

B623 Withdrawn 1996; Specification for Tough-Pitch Fire-Refined High-Conductivity Copper—Refinery Shapes

B624-07 Specification for High-Strength, High-Conductivity Copper-Alloy Wir for Electronic Application, **02.03**

B625-05 Specification for UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, and UNS R20033 Plate, Sheet, and Strip, **02.04**

B626-06 Specification for Welded Nickel and Nickel-Cobalt Alloy Tube, **02.04**

B627 Withdrawn 1998; Test Method for Electrolytic Corrosion Testing (EC Test)

B628-98(2004) Specification for Silver-Copper Eutectic Electrical Contact Alloy, **02.04**

B629-77(2008) Practice for Preparation of Molybdenum and Molybdenum Alloys for Electroplating, **02.05**

B630-88(2006) Practice for Preparation of Chromium for Electroplating with Chromium, **02.05**

B631-93(2004) Specification for Silver-Tungsten Electrical Contact Materials, **02.04**

B632M Withdrawn 1993; Replaced by B632/B632M

B632/B632M-08 Specification for Aluminum-Alloy Rolled Tread Plate, **02.02**

B633-07 Specification for Electrodeposited Coatings of Zinc on Iron and Ste **02.05**

B634-88(2009) Specification for Electrodeposited Coatings of Rhodium for Engineering Use, **02.05**

B635-00(2009) Specification for Coatings of Cadmium-Tin Mechanically Deposited, **02.05**

B636-84(2006)$^{\varepsilon 1}$ Test Method for Measurement of Internal Stress of Plated Metallic Coatings with the Spiral Contractometer, **02.05**

B637-06$^{\varepsilon 1}$ Specification for Precipitation-Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service, **02.04**

B638 Withdrawn 1992; Specification for Copper and Copper-Alloy Solar Hea Absorber Panels

B639-02(2008) Specification for Precipitation Hardening Cobalt-Containing Alloys (UNS R30155 and UNS R30816) Rod, Bar, Forgings, and Forging Stock for High-Temperature Service, **02.04**

B640-07 Specification for Welded Copper Tube for Air Conditioning and Refrigeration Service, **02.01**
B641 Withdrawn 1996; Specification for Seamless and Welded Copper Distribution Tube (Type D)
B642 Withdrawn 1994; Specification for Welded Copper Alloy UNS C21000 Water Tube
B643-00(2005) Specification for Copper-Beryllium Alloy Seamless Tube, **02.01**
B644-05 Specification for Copper Alloy Addition Agents, **02.01**
B645-07 Practice for Linear-Elastic Plane–Strain Fracture Toughness Testing of Aluminum Alloys, **02.02**
B646-06a Practice for Fracture Toughness Testing of Aluminum Alloys, **02.02**
B647-84(2006) Test Method for Indentation Hardness of Aluminum Alloys by Means of a Webster Hardness Gage, **02.02**
B648-78(2006) Test Method for Indentation Hardness of Aluminum Alloys by Means of a Barcol Impressor, **02.02**
B649-06 Specification for Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr-Fe-Mo-N Alloy (UNS N08936) Wire, **02.04**
B650-95(2008) Specification for Electrodeposited Engineering Chromium Coatings on Ferrous Substrates, **02.05**
B651-83(2006) Test Method for Measurement of Corrosion Sites in Nickel Plus Chromium or Copper Plus Nickel Plus Chromium Electroplated Surfaces with Double-Beam Interference Microscope, **02.05**
B652/B652M-04 Specification for Niobium-Hafnium Alloy Ingots, **02.04**
B653/B653M-06 Specification for Seamless and Welded Zirconium and Zirconium Alloy Welding Fittings, **02.04**
B654/B654M-04 Specification for Niobium-Hafnium Alloy Foil, Sheet, Strip, and Plate, **02.04**
B655/B655M-04 Specification for Niobium-Hafnium Alloy Bar, Rod, and Wire, **02.04**
B656 Withdrawn 2000; Guide for Autocatalytic (Electroless) Nickel-Phosphorus Deposition on Metals for Engineering Use
B657-05 Guide for Metallographic Identification of Microstructure in Cemented Carbides, **02.05**
B658/B658M-06 Specification for Seamless and Welded Zirconium and Zirconium Alloy Pipe, **02.04**
B659-90(2008)$^{\varepsilon 1}$ Guide for Measuring Thickness of Metallic and Inorganic Coatings, **02.05**
B660-08 Practices for Packaging/Packing of Aluminum and Magnesium Products, **02.02**
B661-06 Practice for Heat Treatment of Magnesium Alloys, **02.02**
B662-94(2006) Specification for Silver-Molybdenum Electrical Contact Material, **02.04**
B663-94(2006) Specification for Silver-Tungsten Carbide Electrical Contact Material, **02.04**
B664-90(2006) Specification for 80 % Silver-20 % Graphite Sliding Contact Material, **02.04**
B665-08 Guide for Metallographic Sample Preparation of Cemented Tungsten Carbides, **02.05**
B666/B666M-08 Practice for Identification Marking of Aluminum and Magnesium Products, **02.02**
B667-97(2009) Practice for Construction and Use of a Probe for Measuring Electrical Contact Resistance, **02.04**
B668-05 Specification for UNS N08028 Seamless Pipe and Tube, **02.04**
B669 Withdrawn 1999; Specification for Zinc-Aluminum Alloys in Ingot Form for Foundry and Die Castings
B670-07 Specification for Precipitation-Hardening Nickel Alloy (UNS N07718) Plate, Sheet, and Strip for High-Temperature Service, **02.04**
B671-81(2005) Specification for Refined Iridium, **02.04**
B672-02(2007) Specification for Nickel-Iron-Chromium-Molybdenum-Columbium Stabilized Alloy (UNS N08700) Bar and Wire, **02.04**
B673-05$^{\varepsilon 1}$ Specification for UNS N08925, UNS N08354, and UNS N08926 Welded Pipe, **02.04**
B674-05 Specification for UNS N08925, UNS N08354, and UNS N08926 Welded Tube, **02.04**
B675-02(2007) Specification for UNS N08367 Welded Pipe, **02.04**
B676-03(2009) Specification for UNS N08367 Welded Tube, **02.04**
B677-05 Specification for UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube, **02.04**
B678-86(2006) Test Method for Solderability of Metallic-Coated Products, **02.05**
B679-98(2009) Specification for Electrodeposited Coatings of Palladium for Engineering Use, **02.05**
B680-80(2009) Test Method for Seal Quality of Anodic Coatings on Aluminum by Acid Dissolution, **02.05**
B681 Withdrawn 2001; Test Method for Measurement of Thickness of Anodic Coatings on Aluminum and of Other Transparent Coatings on Opaque Surfaces, Using the Light-Section Microscope
B682-01(2009) Specification for Standard Metric Sizes of Electrical Conductors, **02.03**
B683-01(2006) Specification for Pure Palladium Electrical Contact Material, **02.04**
B684-97(2008) Specification for Platinum-Iridium Electrical Contact Materials, **02.04**
B685-01(2006) Specification for Palladium-Copper Electrical Contact Material, **02.04**
B686/B686M-08 Specification for Aluminum Alloy Castings, High-Strength, **02.02**
B687-99(2005)$^{\varepsilon 1}$ Specification for Brass, Copper, and Chromium-Plated Pipe Nipples, **02.01**
B688-96(2009) Specification for Chromium-Nickel-Molybdenum-Iron (UNS N08366 and UNS N08367) Plate, Sheet, and Strip, **02.04**
B689-97(2008) Specification for Electroplated Engineering Nickel Coatings, **02.05**
B690-02(2007) Specification for Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Seamless Pipe and Tube, **02.04**
B691-02(2007) Specification for Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Rod, Bar, and Wire, **02.04**
B692-90(2006) Specification for 75 % Silver-25 % Graphite Sliding Contact Material, **02.04**
B693-91(2006) Specification for Silver-Nickel Electrical Contact Materials, **02.04**
B694-03 Specification for Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, **02.01**
B695-04(2009) Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel, **02.05**
B696-00(2009) Specification for Coatings of Cadmium Mechanically Deposited, **02.05**
B697-88(2005) Guide for Selection of Sampling Plans for Inspection of Electrodeposited Metallic and Inorganic Coatings, **02.05**
B698-02 Classification for Seamless Copper and Copper Alloy Plumbing Pipe and Tube, **02.01**
B699-86(2008) Specification for Coatings of Cadmium Vacuum-Deposited on Iron and Steel, **02.05**
B700-08 Specification for Electrodeposited Coatings of Silver for Engineering Use, **02.05**
B701/B701M-06 Specification for Concentric-Lay-Stranded Self-Damping Aluminum Conductors, Steel Reinforced (ACSR/SD), **02.03**
B702-93(2004) Specification for Copper-Tungsten Electrical Contact Material, **02.04**
B703-05 Test Method for Apparent Density of Powders Using Arnold Meter, **02.05**
B704-03(2009) Specification for Welded UNS N06625, UNS N06219 and UNS N08825 Alloy Tubes, **02.04**
B705-05(2009) Specification for Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe, **02.04**
B706-00(2006) Specification for Seamless Copper Alloy (UNS No. C69100) Pipe and Tube, **02.01**
B707 Withdrawn 1992; Specification for Seamless Copper Water Tube (Special Use)
B707M Withdrawn 1992; Specification for Seamless Copper Water Tube (Special Use) [Metric]
B708-05 Specification for Tantalum and Tantalum Alloy Plate, Sheet, and Strip, **02.04**
B709-04(2009) Specification for Iron-Nickel-Chromium-Molybdenum Alloy (UNS N08028)* Plate, Sheet, and Strip, **02.04**
B710-04(2009) Specification for Nickel-Iron-Chromium-Silicon Alloy Welded Pipe, **02.04**
B711-05 Specification for Concentric-Lay-Stranded Aluminum-Alloy Conductors, Steel Reinforced (AACSR) (6201), **02.03**
B712-93(2006) Guide for Determination of Sodium and Potassium Content For Silver-Cadmium Oxide Contact Materials, **02.04**
B713 Withdrawn 2001; Terminology Relating to Superconductors
B714 Withdrawn 2001; Test Method for D-C Critical Current of Composite Superconductors
B715 Withdrawn 2010; Specification for Sintered Copper Structural Parts for Electrical Conductivity Applications
B716 Withdrawn 1994; Specification for Welded Copper Water Tube
B716M Withdrawn 1994; Specification for Welded Copper Water Tube [Metric]
B717-96(2006) Specification for Refined Ruthenium, **02.04**
B718-00(2006) Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Plate, Sheet, and Strip, **02.04**
B719-00(2009) Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Bar, **02.04**
B720 Withdrawn 1999; Specification for Seamless UNS N08310 Tube
B721 Withdrawn 2004; Test Method for Microhardness and Case Depth of Powder Metallurgy (P/M) Parts; Replaced by B931
B722-06 Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Seamless Pipe and Tube, **02.04**
B723-00(2009) Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Pipe, **02.04**
B724-00(2006) Test Method for Indentation Hardness of Aluminum Alloys by Means of a Newage, Portable, Non-Caliper-Type Instrument, **02.02**
B725-05(2009) Specification for Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe, **02.04**
B726-02(2006) Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Tube, **02.04**
B727-04(2009) Practice for Preparation of Plastics Materials for Electroplating, **02.05**
B728 Withdrawn 1990; Specification for Concentric-Lay-Stranded Aluminum-Alloy Conductors, Steel Reinforced(AACSR) (5005)
B729-05(2009) Specification for Seamless UNS N08020, UNS N08026, and UNS N08024 Nickel-Alloy Pipe and Tube, **02.04**
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B733-04(2009) Specification for Autocatalytic (Electroless) Nickel-Phosphorus Coatings on Metal, **02.05**
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B739-03(2008) Specification for Nickel-Iron-Chromium-Silicon Alloy Welded Tube, **02.04**
B740-09 Specification for Copper-Nickel-Tin Spinodal Alloy Strip, **02.01**
B741 Withdrawn 2005; Test Method for Porosity In Gold Coatings On Metal Substrates By Paper Electrography
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B755-00(2006) Specification for Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110) Plate, Sheet, and Strip, **02.04**
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B762-90(2005) Test Method of Variables Sampling of Metallic and Inorganic Coatings, **02.05**
B763-08a Specification for Copper Alloy Sand Castings for Valve Applications, **02.01**
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B767-88(2006) Guide for Determining Mass Per Unit Area of Electrodeposited and Related Coatings by Gravimetric and Other Chemical Analysis Procedures, **02.05**
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B769-07 Test Method for Shear Testing of Aluminum Alloys, **02.02**
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B771-87(2006) Test Method for Short Rod Fracture Toughness of Cemented Carbides, **02.05**
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B780-98(2004) Specification for 75 % Silver, 24.5 % Copper, 0.5 % Nickel Electrical Contact Alloy, **02.04**
B781-93a(2006) Guide for Silver-Cadmium Oxide Contact Material, **02.04**
B782 Withdrawn 2007; Specification for Iron Graphite Sintered Bearings (Oil-Impregnated); Replaced by B439
B783-04 Specification for Materials for Ferrous Powder Metallurgy (P/M) Structural Parts, **02.05**
B784-01(2006) Specification for Modified Concentric-Lay-Stranded Copper Conductors for Use in Insulated Electrical Cables, **02.03**
B785 Withdrawn 1998; Specification for Compact Round Modified Concentric-Lay-Stranded Copper Conductors for Use in Insulated Electrical Cables
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B793-09 Specification for Zinc Casting Alloy Ingot for Sheet Metal Forming Dies and Plastic Injection Molds, **02.04**
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B797-93(2007) Test Method for Surface Finger Oxide Penetration Depth and Presence of Interparticle Oxide Networks in Powder Forged (P/F) Steel Parts, **02.05**
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B801-07 Specification for Concentric-Lay-Stranded Conductors of 8000 Series Aluminum Alloy for Subsequent Covering or Insulation, **02.03**
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B806-08a Specification for Copper Alloy Permanent Mold Castings for General Applications, **02.01**
B807/B807M-06 Practice for Extrusion Press Solution Heat Treatment for Aluminum Alloys, **02.02**
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B810-01a(2006) Test Method for Calibration of Atmospheric Corrosion Test Chambers by Change in Mass of Copper Coupons, **02.04**
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B812-96(2008) Test Method for Resistance to Environmental Degradation of Electrical Pressure Connections Involving Aluminum and Intended for Residential Applications, **02.04**
B813-00(2009) Specification for Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube, **02.01**
B814-06 Specification for Nickel-Chromium-Iron-Molybdenum-Tungsten Alloy (UNS N06920) Plate, Sheet, and Strip, **02.04**
B815-02(2006) Specification for Cobalt-Chromium-Nickel-Molybdenum-Tungsten Alloy (UNS R31233) Rod, **02.04**
B816-00(2009) Specification for Coatings of Cadmium-Zinc Mechanically Deposited, **02.05**
B817-08 Specification for Powder Metallurgy (PM) Titanium Alloy Structural Components, **02.05**
B818-03(2008) Specification for Cobalt-Chromium-Nickel-Molybdenum-Tungsten Alloy (UNS R31233) Plate, Sheet and Strip, **02.04**
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B820-09 Test Method for Bend Test for Determining the Formability of Copper and Copper Alloy Strip, **02.01**
B821-02(2007) Guide for Liquid Dispersion of Metal Powders and Related Compounds for Particle Size Analysis, **02.05**
B822-02 Test Method for Particle Size Distribution of Metal Powders and Related Compounds by Light Scattering, **02.05**

B823-09 Specification for Materials for Copper Base Powder Metallurgy (PM) Structural Parts, **02.05**
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B827-05(2009)$^{\varepsilon 1}$ Practice for Conducting Mixed Flowing Gas (MFG) Environmental Tests, **02.04**
B828-02 Practice for Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings, **02.01**
B829-04a(2009) Specification for General Requirements for Nickel and Nickel Alloys Seamless Pipe and Tube, **02.04**
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B831-05 Test Method for Shear Testing of Thin Aluminum Alloy Products, **02.02**
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B833-09 Specification for Zinc and Zinc Alloy Wire for Thermal Spraying (Metallizing) for the Corrosion Protection of Steel, **02.04**
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B851-04(2009) Specification for Automated Controlled Shot Peening of Metallic Articles Prior to Nickel, Autocatalytic Nickel, or Chromium Plating, or as Final Finish, **02.05**
B852-08 Specification for Continuous Galvanizing Grade (CGG) Zinc Alloys for Hot-Dip Galvanizing of Sheet Steel, **02.04**
B853-07 Specification for Powder Metallurgy (PM) Boron Stainless Steel Structural Components, **02.05**
B854-98(2004) Guide for Measuring Electrical Contact Intermittences, **02.04**
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B867-95(2008) Specification for Electrodeposited Coatings of Palladium-Nickel for Engineering Use, **02.05**
B868-96(2008) Practice for Contact Performance Classification of Electrical Connection Systems, **02.04**
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B870-08 Specification for Copper-Beryllium Alloy Forgings and Extrusions Alloys (UNS Nos. C17500 and C17510), **02.01**
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B880-03(2008) Specification for General Requirements for Chemical Check Analysis Limits for Nickel, Nickel Alloys and Cobalt Alloys, **02.04**
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B888-09 Specification for Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, **02.01**
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B893-98(2008) Specification for Hard-Coat Anodizing of Magnesium for Engineering Applications, **02.05**
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B897-09 Specification for Configuration of Zinc and Zinc Alloy Jumbo Block and Half Block Ingot, **02.04**
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B902-04a Specification for Compressed Round Stranded Copper Conductors, Hard, Medium-Hard, or Soft Using Single Input Wire Construction, **02.03**
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B904-00(2009) Specification for Autocatalytic Nickel over Autocatalytic Copper for Electromagnetic Interference Shielding, **02.05**
B905-00(2005) Test Methods for Assessing the Adhesion of Metallic and Inorganic Coatings by the Mechanized Tape Test, **02.05**
B906-02(2006) Specification for General Requirements for Flat-Rolled Nickel and Nickel Alloys Plate, Sheet, and Strip, **02.04**
B907-09 Specification for Zinc, Tin and Cadmium Base Alloys Used as Solders, **02.04**
B908-09 Practice for the Use of Color Codes for Zinc Casting Alloy Ingot, **02.04**
B909-00(2006) Guide for Plane Strain Fracture Toughness Testing of Non-Stress Relieved Aluminum Products, **02.02**
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B911/B911M-05 Specification for ACSR Twisted Pair Conductor (ACSR/TP), **02.03**
B912-02(2008)$^{\varepsilon 1}$ Specification for Passivation of Stainless Steels Using Electropolishing, **02.05**
B913-05 Test Method for Evaluation of Crimped Electrical Connections to 16-Gauge and Smaller Diameter Stranded and Solid Conductors, **02.04**
B914-03(2008) Practice for Color Codes on Zinc and Zinc Alloy Ingot for Use in Hot-Dip Galvanizing of Steel, **02.04**
B915-01(2007) Test Method for Measuring Static Heat Resistance of Self-Cleaning Oven Coating, **02.05**
B916-01(2007) Test Method for Adherence of Porcelain Enamel Coatings to Sheet Metal, **02.05**

B917/B917M-09 Practice for Heat Treatment of Aluminum-Alloy Castings from All Processes, **02.02**
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B919-01(2006) Specification for Welded Copper Heat Exchanger Tubes With Internal Enhancement, **02.01**
B920-01(2006)$^{\varepsilon 1}$ Practice for Porosity in Gold and Palladium Alloy Coatings on Metal Substrates by Vapors of Sodium Hypochlorite Solution, **02.04**
B921-08 Specification for Non-hexavalent Chromium Conversion Coatings on Aluminum and Aluminum Alloys, **02.05**
B922-02(2008) Test Method for Metal Powder Specific Surface Area by Physical Adsorption, **02.05**
B923-02(2008) Test Method for Metal Powder Skeletal Density by Helium or Nitrogen Pycnometry, **02.05**
B924-02(2006) Specification for Seamless and Welded Nickel Alloy Condenser and Heat Exchanger Tubes With Integral Fins, **02.04**
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B928/B928M-09 Specification for High Magnesium Aluminum-Alloy Sheet and Plate for Marine Service and Similar Environments, **02.02**
B929-05 Specification for Copper-Nickel-Tin Spinodal Alloy Rod and Bar, **02.01**
B930-03(2008) Test Method for Rating Grain Size and Frequency of Abnormally Large Grains in Cemented Tungsten Carbides (Hardmetals), **02.05**
B931-09 Test Method for Metallographically Estimating the Observed Case Depth of Ferrous Powder Metallurgy (PM) Parts, **02.05**
B932-04 Specification for Low-Carbon Nickel-Chromium-Molybdenum-Gadolinium Alloy Plate, Sheet, and Strip, **02.04**
B933-09 Test Method for Microindentation Hardness of Powder Metallurgy (PM) Materials, **02.05**
B934-04a Test Method for Effective Case Depth of Ferrous Powder Metallurgy (P/M) Parts Using Microindentation Hardness Measurements, **02.05**
B935-05(2009)$^{\varepsilon 1}$ Guide for Steam Treatment of Ferrous Powder Metallurgy (PM) Materials, **02.05**
B936-08 Specification for Copper-Chromium-Iron-Titanium Alloy Plate, Sheet, Strip and Rolled Bar, **02.01**
B937-04 Specification for Copper-Beryllium Seamless Tube (UNS Nos. C17500 and C17510), **02.01**
B938-04 Specification for Copper-Beryllium Alloy Forgings and Extrusions (UNS Nos. C17500 and C17510), **02.01**
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B941-05 Specification for Heat Resistant Aluminum-Zirconium Alloy Wire for Electrical Purposes, **02.03**
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B950-06 Guide for Editorial Procedures and Form of Product Specifications f Copper and Copper Alloys, **02.01**
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B952/B952M-09 Specification for Zinc Alloys in Ingot Form for Spin Casting, **02.04**
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B956-07$^{\varepsilon 2}$ Specification for Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, **02.01**
B957-08 Specification for Extra-High-Strength and Ultra-High-Strength Zinc-Coated (Galvanized) Steel Core Wire for Overhead Electrical Conductors, **02.03**
B958-08 Specification for Extra-High-Strength and Ultra-High-Strength Class Zinc–5 % Aluminum-Mischmetal Alloy-Coated Steel Core Wire for Overhead Electrical Conductors, **02.03**
B960-08 Specification for Prime Western Grade-Recycled (PWG-R) Zinc, **02.04**
B961-08 Specification for Silver Coated Copper and Copper Alloy Stranded Conductors for Electronic Space Application, **02.03**
B962-08 Test Methods for Density of Compacted or Sintered Powder Metallurgy (PM) Products Using Archimedes' Principle, **02.05**
B963-08 Test Methods for Oil Content, Oil-Impregnation Efficiency, and Interconnected Porosity of Sintered Powder Metallurgy (PM) Products Using Archimedes' Principle, **02.05**
B964-09 Test Methods for Flow Rate of Metalsue Powders Using the Carney Funnel, **02.05**
B965-09 Specification for High Performance Tin-Coated Annealed Copper Wire Intended for Electrical and Electronic Application for Solderability, **02.03**
B967/B967M-09 Specification for Copper-Zinc-Tin-Bismuth Alloy Rod, Bar and Wire, **02.01**
B968/B968M-09 Test Method for Flattening of Copper and Copper-Alloy Pipe and Tube, **02.01**
B969-09 Specification for Aluminum-Alloy Castings Produced by the Squeeze Casting, Thixocast and Rheocast Semi-Solid Casting Processes, **02.02**
B970-09 Test Method for Cleanliness of Powder Metallurgy (PM) Bearings an Structural Parts, **02.05**

C. CEMENTITIOUS, CERAMIC, CONCRETE, AND MASONRY MATERIALS

C1 Withdrawn 1916; Method of Test for Cement; Replaced by C150
C2 Withdrawn 1917; Method of Test for Fireproof Floor Construction; Replaced by E119
C3 Withdrawn 1918; Method of Test for Fireproof Partition Construction; Replaced by E119
C4-04(2009) Specification for Clay Drain Tile and Perforated Clay Drain Tile, **04.05**
C5-03(2009) Specification for Quicklime for Structural Purposes, **04.01**
C6 Withdrawn 1981; Specification for Normal Finishing Hydrated Lime; Replaced by C206
C7 Withdrawn 1980; Specification for Paving Brick
C8 Withdrawn 1941; Definition of Terms Relating to Clay Sewer Pipe
C9 Withdrawn 1942; Specification for Portland Cement; Replaced by C150
C10/C10M-10 Specification for Natural Cement, **04.01**
C11-10 Terminology Relating to Gypsum and Related Building Materials and Systems, **04.01**
C12-09 Practice for Installing Vitrified Clay Pipe Lines, **04.05**
C13 Withdrawn 1973; Specification for Standard Strength Clay Sewer Pipe; Replaced by C700
C14-07 Specification for Nonreinforced Concrete Sewer, Storm Drain, and Culvert Pipe, **04.05**
C14M-07 Specification for Nonreinforced Concrete Sewer, Storm Drain, and Culvert Pipe [Metric], **04.05**
C15 Withdrawn 1930; Specification for Required Safe Crushing Strengths of Sewer Pipe to Carry Loads from Ditch
C16-03(2008)$^{\epsilon 1}$ Test Method for Load Testing Refractory Shapes at High Temperatures, **15.01**
C17 Withdrawn 1926; Method of Test for Slagging Action of Refractory Materials
C18 Withdrawn 1966; Methods of Test for Chemical Analysis of Refractory Materials
C19 Redesignated 1946 - E119; Methods of Fire Tests of Building Construction and Materials
C20-00(2005) Test Methods for Apparent Porosity, Water Absorption, Apparent Specific Gravity, and Bulk Density of Burned Refractory Brick and Shapes by Boiling Water, **15.01**
C21 Withdrawn 1928; Specification for Building Brick; Replaced by C62, C67, C73
C22/C22M-00(2005)$^{\epsilon 1}$ Specification for Gypsum, **04.01**
C23 Withdrawn 1928; Specification for Calcined Gypsum
C24-09 Test Method for Pyrometric Cone Equivalent (PCE) of Fireclay and High Alumina Refractory Materials, **15.01**
C25-06 Test Methods for Chemical Analysis of Limestone, Quicklime, and Hydrated Lime, **04.01**
C26 Withdrawn 1961; Methods of Testing Gypsum and Gypsum Products; Replaced by C471, C472, C473
C27-98(2008) Classification of Fireclay and High-Alumina Refractory Brick, **15.01**
C28/C28M-00(2005) Specification for Gypsum Plasters, **04.01**
C29/C29M-09 Test Method for Bulk Density ("Unit Weight") and Voids in Aggregate, **04.02**
C30 Withdrawn 1979; Method of Test for Voids in Aggregate for Concrete; Replaced by C929
C31/C31M-09 Practice for Making and Curing Concrete Test Specimens in the Field, **04.02**
C32-09 Specification for Sewer and Manhole Brick (Made From Clay or Shale), **04.05**
C33/C33M-08 Specification for Concrete Aggregates, **04.02**
C34-09 Specification for Structural Clay Load-Bearing Wall Tile, **04.05**
C35-01(2009) Specification for Inorganic Aggregates for Use in Gypsum Plaster, **04.01**
C36/C36M Withdrawn 2005; Specification for Gypsum Wallboard; Replaced by C1396
C37/C37M Withdrawn 2005; Specification for Gypsum Wallboard; Replaced by C1396
C38 Withdrawn 1994; Method for Panel Spalling Testing Refractory Brick
C39/C39M-09a Test Method for Compressive Strength of Cylindrical Concrete Specimens, **04.02**
C40-04 Test Method for Organic Impurities in Fine Aggregates for Concrete, **04.02**
C41 Withdrawn 1939; Method of Test for Sieve Analysis of Concrete Aggregates and Lime; Replaced by C136
C42/C42M-04 Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete, **04.02**
C43 Withdrawn 2009; Terminology of Structural Clay Products; Replaced by C1232
C44 Withdrawn 1936; Rules for Inspection of Concrete and Reinforced Concrete Work
C45 Withdrawn 1982; Specification for Quicklime and Hydrated Lime for Cooking of Rags in Paper Manufacture; Replaced by C911
C46 Withdrawn 1982; Specification for Quicklime and Limestone for Sulfite Pulp Manufacture; Replaced by C911
C47 Withdrawn 1958; Specification for Hydrated Lime for Varnish Manufacture
C48 Withdrawn 1954; Specification for Quicklime and Hydrated Lime for Use in the Textile Industry
C49 Withdrawn 1982; Specification for Quicklime and Hydrated Lime for Silica Brick Manufacture; Replaced by C911
C50-00(2006) Practice for Sampling, Sample Preparation, Packaging, and Marking of Lime and Limestone Products, **04.01**
C51-07 Terminology Relating to Lime and Limestone (as used by the Industry), **04.01**
C52 Withdrawn 1984; Specification for Gypsum Partition Tile or Block
C53 Withdrawn 1982; Specification for Quicklime and Hydrated Lime for Water Treatment; Replaced by C911
C54 Withdrawn 1940; Specification for Quicklime and Lime for Water Treatment
C55-09 Specification for Concrete Building Brick, **04.05**
C56-09 Specification for Structural Clay Nonloadbearing Tile, **04.05**
C57 Withdrawn 1990; Specification for Structural Clay Floor Tile
C58 Withdrawn 1964; Definition of Terms Relating to Sand
C59/C59M-00(2006) Specification for Gypsum Casting Plaster and Gypsum Molding Plaster, **04.01**
C60 Withdrawn 1949; Specification for Gypsum Pottery Plaster
C61/C61M-00(2006) Specification for Gypsum Keene's Cement, **04.01**
C62-08 Specification for Building Brick (Solid Masonry Units Made From Clay or Shale), **04.05**
C63 Withdrawn 1985; Specification for Fireclay Brick Refractories for Malleable Iron Furnaces with Removable Bungs, and for Annealing Ovens
C64 Withdrawn 1984; Specification for Fireclay Brick Refractories for Heavy Duty Stationary Boiler Service
C65 Withdrawn 1940; Specification for Fireclay Brick for Marine Boiler Service
C66 Withdrawn 1937; Specification for Sand for Use in Lime Plaster; Replaced by C35
C67-09 Test Methods for Sampling and Testing Brick and Structural Clay Tile, **04.05**
C68 Withdrawn 1937; Method of Test for Specific Gravity of Fine Aggregate; Replaced by C128
C69 Withdrawn 1943; Method of Test for Voids in Inundated Fine Aggregate
C70-06 Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate, **04.02**
C71-08 Terminology Relating to Refractories, **15.01**
C72 Withdrawn 1949; Specification for Calcined Gypsum for Dental Plasters
C73-05 Specification for Calcium Silicate Brick (Sand-Lime Brick), **04.05**
C74 Withdrawn 1942; Specification for Portland Cement; Replaced by C150
C75 Withdrawn 1957; Specification for Reinforced Concrete Sewer Pipe; Combined with C 76
C76-10 Specification for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe, **04.05**
C76M-10 Specification for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe (Metric), **04.05**
C77 Withdrawn 1945; Test Method for Specific Gravity of Hydraulic Cement; Replaced by C183, C184, C187, C188, C191
C78-09 Test Method for Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading), **04.02**
C79/C79M Withdrawn 2005; Specification for Gypsum Wallboard; Replaced by C1396
C80 Withdrawn 1943; Specification for Curing Portland-Cement Concrete
C81 Withdrawn 1943; Method of Curing Portland-Cement Concrete Slabs with Bituminous Coverings
C82 Withdrawn 1943; Method of Curing Portland-Cement Concrete Slabs with Calcium Chloride Admixture
C83 Withdrawn 1943; Method of Curing Portland-Cement Concrete Slabs by Surface Application of Calcium Chloride
C84 Withdrawn 1943; Method of Curing Portland-Cement Concrete Slabs with Wet Coverings
C85 Withdrawn 1989; Method of Test for Cement Content of Hardened Portland Cement Concrete; Replaced by C1084
C86 Withdrawn 1937; Method of Test for Specific Gravity and Absorption of Coarse Aggregates; Replaced by C127
C87-05 Test Method for Effect of Organic Impurities in Fine Aggregate on Strength of Mortar, **04.02**
C88-05 Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate, **04.02**
C89 Withdrawn 1938; Method of Test for Soundness of Coarse Aggregates by Use of Sodium Sulfate, or Magnesium Sulfate; Replaced by C88
C90-09 Specification for Loadbearing Concrete Masonry Units, **04.05**
C91-05 Specification for Masonry Cement, **04.01**
C92-95(2005) Test Methods for Sieve Analysis and Water Content of Refractory Materials, **15.01**
C93 Withdrawn 1992; Test Methods for Cold Crushing Strength and Modulus of Rupture of Insulating Firebrick
C94/C94M-09a Specification for Ready-Mixed Concrete, **04.02**
C95 Withdrawn 1938; Method of Test for Specific Gravity and Absorption of Course Aggregate; Replaced by C127, C128
C96 Withdrawn 1937; Method of Test for Specific Gravity and Absorption of Fine Aggregate; Replaced by C127, C128
C97/C97M-09 Test Methods for Absorption and Bulk Specific Gravity of Dimension Stone, **04.07**
C98 Withdrawn 1941; Method of Test for Compressive Strength of Natural Building Stone; Replaced by C170
C99/C99M-09 Test Method for Modulus of Rupture of Dimension Stone, **04.07**
C100 Withdrawn 1951; Method of Test for Modulus of Elasticity of Natural Building Stone
C101 Withdrawn 1942; Method of Sampling Natural Building Stone and Preparation of Sample for Testing
C102 Withdrawn 1951; Method of Shear Testing of Natural Building Stone

C103 Withdrawn 1942; Method of Tension Testing of Natural Building Stone
C104 Withdrawn 1942; Definition of Terms Relating to Natural Building Stone
C105 Withdrawn 1984; Specification for Ground Fire Clay as a Refractory Mortar for Laying-Up Fireclay Brick
C106 Withdrawn 1973; Specification for Refractories for Incinerators
C107 Withdrawn 1994; Method of Panel Spalling Testing High-Duty Fireclay Brick
C108-46(2009) Symbols for Heat Transmission, **15.01**
C109/C109M-08 Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or [50-mm] Cube Specimens), **04.01**
C110-09a Test Methods for Physical Testing of Quicklime, Hydrated Lime, and Limestone, **04.01**
C111 Withdrawn 1950; Specification for Sodium Silicate for Curing Concrete
C112 Withdrawn 1974; Methods of Sampling and Testing Structural Clay Tile; Combined with C 67
C113-02(2008) Test Method for Reheat Change of Refractory Brick, **15.01**
C114-10 Test Methods for Chemical Analysis of Hydraulic Cement, **04.01**
C115-10 Test Method for Fineness of Portland Cement by the Turbidimeter, **04.01**
C116 Withdrawn 1999; Test Method for Compressive Strength of Concrete Using Portions of Beams Broken in Flexure
C117-04 Test Method for Materials Finer than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing, **04.02**
C118-05a Specification for Concrete Pipe for Irrigation or Drainage, **04.05**
C118M-05a Specification for Concrete Pipe for Irrigation or Drainage [Metric], **04.05**
C119-08$^{\varepsilon 2}$ Terminology Relating to Dimension Stone, **04.07**
C120/C120M-09 Test Methods of Flexure Testing of Slate (Breaking Load, Modulus of Rupture, Modulus of Elasticity), **04.07**
C121/C121M-09 Test Method for Water Absorption of Slate, **04.07**
C122 Withdrawn 1994; Test Method for Panel Spalling Testing Super-Duty Fireclay Brick
C123-04 Test Method for Lightweight Particles in Aggregate, **04.02**
C124 Withdrawn 1974; Method of Test for Flow of Portland-Cement Concrete by Use of the Flow Table
C125-09a Terminology Relating to Concrete and Concrete Aggregates, **04.02**
C126-09 Specification for Ceramic Glazed Structural Clay Facing Tile, Facing Brick, and Solid Masonry Units, **04.05**
C127-07 Test Method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate, **04.02**
C128-07a Test Method for Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate, **04.02**
C129-06 Specification for Nonloadbearing Concrete Masonry Units, **04.05**
C130 Withdrawn 1955; Specification for Lightweight Aggregates for Concrete; Replaced by C330, C331, C332
C131-06 Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine, **04.02**
C132 Withdrawn 1944; Specification for Fire-Retardant Properties of Wood for Scaffolding and Shoring
C133-97(2008)$^{\varepsilon 1}$ Test Methods for Cold Crushing Strength and Modulus of Rupture of Refractories, **15.01**
C134-95(2005) Test Methods for Size, Dimensional Measurements, and Bulk Density of Refractory Brick and Insulating Firebrick, **15.01**
C135-96(2009)$^{\varepsilon 1}$ Test Method for True Specific Gravity of Refractory Materials by Water Immersion, **15.01**
C136-06 Test Method for Sieve Analysis of Fine and Coarse Aggregates, **04.02**
C137 Withdrawn 1991; Specification for Solid Load-Bearing Concrete Masonry Units; Replaced by C90
C138/C138M-09 Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete, **04.02**
C139-05 Specification for Concrete Masonry Units for Construction of Catch Basins and Manholes, **04.05**
C140-09a Test Methods for Sampling and Testing Concrete Masonry Units and Related Units, **04.05**
C141/C141M-09 Specification for Hydrated Hydraulic Lime for Structural Purposes, **04.01**
C142-97(2004) Test Method for Clay Lumps and Friable Particles in Aggregates, **04.02**
C143/C143M-10 Test Method for Slump of Hydraulic-Cement Concrete, **04.02**
C144-04 Specification for Aggregate for Masonry Mortar, **04.05**
C145 Withdrawn 1992; Specification for Load-Bearing Concrete Masonry Units; Replaced by C90
C146-94a(2009) Test Methods for Chemical Analysis of Glass Sand, **15.02**
C147-86(2005) Test Methods for Internal Pressure Strength of Glass Containers, **15.02**
C148-00(2006) Test Methods for Polariscopic Examination of Glass Containers, **15.02**
C149-86(2005) Test Method for Thermal Shock Resistance of Glass Containers, **15.02**
C150/C150M-09 Specification for Portland Cement, **04.01**
C151/C151M-09 Test Method for Autoclave Expansion of Hydraulic Cement, **04.01**
C152 Redesignated 1941 - E152; Methods of Fire Tests of Door Assemblies
C153 Withdrawn 1973; Specification for Refractories for Moderate Duty Stationary Boiler Service; Combined with C 64
C154 Withdrawn 1985; Method of Test for Warpage of Refractory Brick and Tile, or Deviation from Plane Surface
C155-97(2007) Classification of Insulating Firebrick, **15.01**
C156-09a Test Method for Water Loss from a Mortar Specimen Through Liquid Membrane-Forming Curing Compounds for Concrete, **04.02**
C157/C157M-08 Test Method for Length Change of Hardened Hydraulic-Cement Mortar and Concrete, **04.02**
C158-02(2007) Test Methods for Strength of Glass by Flexure (Determination of Modulus of Rupture), **15.02**
C159-06 Specification for Vitrified Clay Filter Blocks, **04.05**
C160 Withdrawn 1960; Specification for Mortar for Unit Masonry
C161 Withdrawn 1959; Specification for Mortar for Unit Masonry
C162-05 Terminology of Glass and Glass Products, **15.02**
C163-05 Practice for Mixing Thermal Insulating Cement Samples, **04.06**
C164 Withdrawn 1962; Method of Test for Storage Density of Thermal Insulating Cement
C165-07 Test Method for Measuring Compressive Properties of Thermal Insulations, **04.06**
C166-05 Test Method for Covering Capacity and Volume Change Upon Dryin of Thermal Insulating Cement, **04.06**
C167-09 Test Methods for Thickness and Density of Blanket or Batt Thermal Insulations, **04.06**
C168-10 Terminology Relating to Thermal Insulation, **04.06**
C169-92(2005) Test Methods for Chemical Analysis of Soda-Lime and Borosilicate Glass, **15.02**
C170/C170M-09 Test Method for Compressive Strength of Dimension Stone, **04.07**
C171-07 Specification for Sheet Materials for Curing Concrete, **04.02**
C172-08 Practice for Sampling Freshly Mixed Concrete, **04.02**
C173/C173M-10 Test Method for Air Content of Freshly Mixed Concrete by th Volumetric Method, **04.02**
C174/C174M-06 Test Method for Measuring Length of Drilled Concrete Cores **04.02**
C175 Withdrawn 1971; Specification for Air-Entraining Portlant Cement; Replaced by C150
C176 Withdrawn 1973; Specification for Fireday Plastic Refractories for Boile and Incinerator Services; Replaced by C64
C177-10 Test Method for Steady-State Heat Flux Measurements and Therma Transmission Properties by Means of the Guarded-Hot-Plate Apparatus, **04.06**
C178 Withdrawn 1973; Specification for Air-Setting Refractory Mortar (Wet Type) for Boiler and Incinerator Services
C179-09 Test Method for Drying and Firing Linear Change of Refractory Plastic and Ramming Mix Specimens, **15.01**
C180 Withdrawn 1986; Method of Panel Spalling Testing Fireclay Plastic Refractories
C181-09 Test Method for Workability Index of Fireclay and High-Alumina Plastic Refractories, **15.01**
C182-88(2009) Test Method for Thermal Conductivity of Insulating Firebrick, **15.01**
C183-08 Practice for Sampling and the Amount of Testing of Hydraulic Cement, **04.01**
C184 Withdrawn 2002; Test Method for Fineness of Hydraulic Cement by the 150-µm (No. 100) and 75-µm (No. 200) Sieves
C185-08 Test Method for Air Content of Hydraulic Cement Mortar, **04.01**
C186-05 Test Method for Heat of Hydration of Hydraulic Cement, **04.01**
C187-10 Test Method for Normal Consistency of Hydraulic Cement, **04.01**
C188-09 Test Method for Density of Hydraulic Cement, **04.01**
C189 Withdrawn 1957; Method of Test for Soundness of Hydraulic Cement Over Boiling Water (Pat Test) of Portland Cement
C190 Withdrawn 1991; Test Method for Tensile Strength of Hydraulic Cemen Mortars
C191-08 Test Methods for Time of Setting of Hydraulic Cement by Vicat Needle, **04.01**
C192/C192M-07 Practice for Making and Curing Concrete Test Specimens in the Laboratory, **04.02**
C193 Withdrawn 1977; Specification for Magnesia Thermal Insulating Cemer
C194 Withdrawn 1977; Specification for Asbestos Thermal Insulating and Finishing Cement
C195-07 Specification for Mineral Fiber Thermal Insulating Cement, **04.06**
C196-00(2005) Specification for Expanded or Exfoliated Vermiculite Thermal Insulating Cement, **04.06**
C197 Withdrawn 1978; Specification for Diatomaceous Silica Thermal Insulating Cement
C198-09 Test Method for Cold Bonding Strength of Refractory Mortar, **15.01**
C199-84(2005) Test Method for Pier Test for Refractory Mortars, **15.01**
C200 Withdrawn 1973; Specification for Extra Strength Clay Pipe; Replaced by C700
C201-93(2009) Test Method for Thermal Conductivity of Refractories, **15.01**
C202-93(2009)$^{\varepsilon 1}$ Test Method for Thermal Conductivity of Refractory Brick, **15.01**
C203-05a Test Methods for Breaking Load and Flexural Properties of Block-Type Thermal Insulation, **04.06**
C204-07 Test Methods for Fineness of Hydraulic Cement by Air-Permeability Apparatus, **04.01**
C205 Withdrawn 1968; Specification for Portland Blast-Furnace Cement; Replaced by C595
C206-03(2009) Specification for Finishing Hydrated Lime, **04.01**
C207-06 Specification for Hydrated Lime for Masonry Purposes, **04.01**
C208-08a Specification for Cellulosic Fiber Insulating Board, **04.06**
C209-07a$^{\varepsilon 1}$ Test Methods for Cellulosic Fiber Insulating Board, **04.06**
C210-95(2007)$^{\varepsilon 1}$ Test Method for Reheat Change of Insulating Firebrick, **15.01**

C211 Withdrawn 1973; Specification for Standard Strength Perforated Clay Pipe; Replaced by C700
C212-00(2006) Specification for Structural Clay Facing Tile, **04.05**
C213 Withdrawn 1973; Specification for Alumina-Silica Castable Refractories for Boiler Furnaces and Incinerators; Combined with C 64
C214 Withdrawn 1955; Method of Test for Measuring Water Vapor of Materials in Sheet Form; Replaced by E96
C215-08 Test Method for Fundamental Transverse, Longitudinal, and Torsional Resonant Frequencies of Concrete Specimens, **04.02**
C216-07a Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale), **04.05**
C217/C217M-09 Test Method for Weather Resistance of Slate, **04.07**
C218 Withdrawn 1965; Method of Test for Combined Effect of Temperature Cycles and Weak Salt Solution on Natural Building stone
C219-07a Terminology Relating to Hydraulic Cement, **04.01**
C220-91(2009) Specification for Flat Asbestos-Cement Sheets, **04.05**
C221-98(2008) Specification for Corrugated Asbestos-Cement Sheets, **04.05**
C222-97(2008) Specification for Asbestos-Cement Roofing Shingles, **04.05**
C223-98(2008) Specification for Asbestos-Cement Siding, **04.05**
C224-78(2009) Practice for Sampling Glass Containers, **15.02**
C225-85(2009) Test Methods for Resistance of Glass Containers to Chemical Attack, **15.02**
C226-07 Specification for Air-Entraining Additions for Use in the Manufacture of Air-Entraining Hydraulic Cement, **04.01**
C227-10 Test Method for Potential Alkali Reactivity of Cement-Aggregate, **04.02**
C228 Withdrawn 1956; Method of Test for Sodium Oxide and Potassium Oxide in Portland Cement by Flame Photometry; Replaced by C114
C229 Withdrawn 1955; Method of Test for Setting Time of Hydraulic Cement in Mortar (Replacement Card)
C230/C230M-08 Specification for Flow Table for Use in Tests of Hydraulic Cement, **04.01**
C231/C231M-09b Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method, **04.02**
C232/C232M-09 Test Methods for Bleeding of Concrete, **04.02**
C233-07 Test Method for Air-Entraining Admixtures for Concrete, **04.02**
C234 Withdrawn 2000; Test Method for Comparing Concretes on the Basis of the Bond Developed with Reinforcing Steel
C235 Withdrawn 1978; Method of Test for Scratch Hardness of Coarse Aggregate Particles; Replaced by C851
C236 Withdrawn 2001; Test Method for Steady-State Thermal Performance of Building Assemblies by Means of a Guarded Hot Box; Replaced by C1363
C237 Withdrawn 1974; Method of Sampling Magnesium Oxychloride Compositions and Ingredients
C238 Withdrawn 1974; Method of Test for Sieve Analysis of Magnesium Oxychloride Compositions, Aggregates, and Fillers
C239 Withdrawn 1974; Method of Test for Sieve Analysis of Plastic Calcined Magnesia
C240-08$^{\varepsilon 1}$ Test Methods of Testing Cellular Glass Insulation Block, **04.06**
C241/C241M-09 Test Method for Abrasion Resistance of Stone Subjected to Foot Traffic, **04.07**
C242-01(2007) Terminology of Ceramic Whitewares and Related Products, **15.02**
C243 Withdrawn 2001; Test Method for Bleeding of Cement Pastes and Mortars
C244 Withdrawn 1974; Methods for Chemical Analysis of Magnesium Sulfate, Technical Grade
C245 Withdrawn 1974; Methods for Chemical Analysis of Magnesium Chloride
C246 Withdrawn 1974; Methods for Physical Testing of Magnesia for Magnesium Oxychloride Cements
C247 Withdrawn 1974; Methods of Test for Ignition Loss and Active Calcium Oxide in Magnesium Oxide for Use in Magnesium Oxychloride Cements
C248 Withdrawn 1974; Method of Test for Bulk Density of Magnesium Oxychloride Cements
C249 Withdrawn 1974; Method of Slump Test for Field Consistency of Magnesium Oxychloride Cements
C250 Withdrawn 1974; Method for Field Determination of Specific Gravity of Gauging Solutions for Magnesium Oxychloride Cements
C251 Withdrawn 1974; Method for Mixing Magnesium Oxychloride Cement Compositions with Gauging Solution (for Preparation of Specimens for Laboratory Tests)
C252 Withdrawn 1974; Method of Test for Linear Contraction of Magnesium Oxychloride Cements
C253 Withdrawn 1974; Method of Test for Linear Change of Magnesium Oxychloride Cements
C254 Withdrawn 1974; Method of Test for Setting Time of Magnesium Oxychloride Cements
C255 Withdrawn 1974; Method of Test for Consistency of Magnesium Oxychloride Cements by the Flow Table
C256 Withdrawn 1974; Method of Test for Flexural Strength of Magnesium Oxychloride Cements (Using Simple Bar with Two-Point or Single-Point Loading)
C257 Withdrawn 1974; Method of Test for Compressive Strength of Magnesium Oxychloride Cements
C258 Withdrawn 1982; Specification for Quicklime for Calcium Chloride Manufacture; Replaced by C911
C259 Withdrawn 1982; Specification for Hydrated Lime for Grease Manufacture; Replaced by C911
C260-06 Specification for Air-Entraining Admixtures for Concrete, **04.02**
C261 Withdrawn 1965; Specification for Standard Strength of Unglazed Clay Pipe
C262 Withdrawn 1979; Specification for Mineral Fiber Batt Insulation (Industrial Type)
C263 Withdrawn 1967; Specification for Mineral Fiber Blanket Insulation (Metal-Mesh Covered)(Industrial Type); Replaced by C592
C264 Withdrawn 1966; Specification for Mineral Fiber Felt Insulation (Industrial Type) for low temperatures; Replaced by C553
C265-08 Test Method for Water-Extractable Sulfate in Hydrated Hydraulic Cement Mortar, **04.01**
C266-08 Test Method for Time of Setting of Hydraulic-Cement Paste by Gillmore Needles, **04.01**
C267-01(2006) Test Methods for Chemical Resistance of Mortars, Grouts, and Monolithic Surfacings and Polymer Concretes, **04.05**
C268 Withdrawn 1979; Method of Test for Modulus of Rupture of Castable Refractories; Replaced by C860, C862, C865
C269 Withdrawn 1979; Method of Test for Permanent Linear Change on Firing of Castable Refractories; Replaced by C860, C862, C865
C270-08a Specification for Mortar for Unit Masonry, **04.05**
C271/C271M-05 Test Method for Density of Sandwich Core Materials, **15.03**
C272-01(2007) Test Method for Water Absorption of Core Materials for Structural Sandwich Constructions, **15.03**
C273/C273M-07a Test Method for Shear Properties of Sandwich Core Materials, **15.03**
C274-07 Terminology of Structural Sandwich Constructions, **15.03**
C275 Withdrawn 1973; Specification for Oxychloride Magnesia
C276 Withdrawn 1974; Specification for Magnesium Chloride
C277 Withdrawn 1974; Specification for Magnesium Sulfate, Technical Grade
C278 Withdrawn 1965; Specification for Extra Strength Unglazed Clay Pipe; Replaced by C700
C279-88(2007) Specification for Chemical-Resistant Masonry Units, **04.05**
C280 Withdrawn 1967; Specification for Mineral Fiber Blanket-Type Pipe Insulation; Replaced by C592
C281 Withdrawn 1965; Specification for Mineral Fiber Preformed Pipe Insulation for Elevated Temperatures; Replaced by C547
C282-99(2005) Test Method for Acid Resistance of Porcelain Enamels(Citric Acid Spot Test), **02.05**
C283-97(2008) Test Methods for Resistance of Porcelain Enameled Utensils to Boiling Acid, **02.05**
C284 Withdrawn 1963; Method of Test for Impact Resistance of Porcelain Enameled Utensils
C285-88(2005) Test Methods for Sieve Analysis of Wet-Milled and Dry-Milled Porcelain Enamel, **02.05**
C286-99(2009) Terminology Relating to Porcelain Enamel and Ceramic-Metal Systems, **02.05**
C287-98(2008)$^{\varepsilon 1}$ Specification for Chemical-Resistant Sulfur Mortar, **04.05**
C288-87(2009) Test Method for Disintegration of Refractories in an Atmosphere of Carbon Monoxide, **15.01**
C289-07 Test Method for Potential Alkali-Silica Reactivity of Aggregates (Chemical Method), **04.02**
C290 Withdrawn 1972; Method of Test for Resistance of Concrete Specimens to Rapid Freezing and Thawing in Water; Replaced by C666
C291 Withdrawn 1972; Method of Test for Resistance of Concrete Specimens to Rapid Freezing in Air and Thawing in Water; Replaced by C666
C292 Withdrawn 1966; Method of Test for Resistance of Concrete Specimens to Slow Freezing and Thawing in Water or Brine
C293-08 Test Method for Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading), **04.02**
C294-05 Descriptive Nomenclature for Constituents of Concrete Aggregates, **04.02**
C295-08 Guide for Petrographic Examination of Aggregates for Concrete, **04.02**
C296/C296M-00(2009)$^{\varepsilon 1}$ Specification for Asbestos-Cement Pressure Pipe, **04.05**
C297/C297M-04 Test Method for Flatwise Tensile Strength of Sandwich Constructions, **15.03**
C298 Withdrawn 1973; Specification for Cellular Asbesstos Paper Thermal Insulation for Pipes
C299 Withdrawn 1973; Specification for Laminated Asbestos Thermal Insulation for Pipes
C300 Withdrawn 1964; Specification for Mineral Fiber Preformed Pipe Insulation for Low Temperatures; Replaced by C547
C301-04(2009) Test Methods for Vitrified Clay Pipe, **04.05**
C302-95(2007) Test Method for Density and Dimensions of Preformed Pipe-Covering-Type Thermal Insulation, **04.06**
C303-10 Test Method for Dimensions and Density of Preformed Block and Board–Type Thermal Insulation, **04.06**
C304 Withdrawn 1957; Method of Test for Vibration Resistance of Preformed Thermal Insulation for Pipes
C305-06 Practice for Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency, **04.01**
C306 Withdrawn 1972; Method of Test for Compressive Strength of Chemical-Resistant Resin Mortars
C307-03(2008) Test Method for Tensile Strength of Chemical-Resistant Mortar, Grouts, and Monolithic Surfacings, **04.05**
C308-00(2005) Test Methods for Working, Initial Setting, and Service Strength Setting Times of Chemical-Resistant Resin Mortars, **04.05**
C309-07 Specification for Liquid Membrane-Forming Compounds for Curing Concrete, **04.02**
C310 Withdrawn 1965; Method of Test for Resistance of Concrete Specimens

to Slow Freezing in Air and Thawing in Water
C311-07 Test Methods for Sampling and Testing Fly Ash or Natural Pozzolans for Use in Portland-Cement Concrete, **04.02**
C312 Withdrawn 1967; Recommended Practice for Clearance of Preformed Thermal Pipe Insulation; Replaced by C585
C313 Withdrawn 1991; Test Method for Adherence of Porcelain Enamel and Ceramic Coatings to Sheet Metal
C314 Withdrawn 1981; Test Method for Flatness of Porcelain Enameled Panels
C315-07 Specification for Clay Flue Liners and Chimney Pots, **04.05**
C316 Withdrawn 1986; Classification of Single- and Double-Screened Ground Refractory Materials
C317/C317M-00(2005) Specification for Gypsum Concrete, **04.01**
C318/C318M-00(2005) Specification for Gypsum Formboard, **04.01**
C319 Withdrawn 1963; Specification for 85 Percent Magnesia Block-Type Thermal Insulation; Replaced by C489
C320 Withdrawn 1963; Specification for 85 Percent Magnesia Thermal Insulation; Replaced by C489
C321-00(2005) Test Method for Bond Strength of Chemical-Resistant Mortars, **04.05**
C322-09 Practice for Sampling Ceramic Whiteware Clays, **15.02**
C323-56(2006) Test Methods for Chemical Analysis of Ceramic Whiteware Clays, **15.02**
C324-01(2007) Test Method for Free Moisture in Ceramic Whiteware Clays, **15.02**
C325-07 Guide for Wet Sieve Analysis of Ceramic Whiteware Clays, **15.02**
C326-09 Test Method for Drying and Firing Shrinkages of Ceramic Whiteware Clays, **15.02**
C327 Withdrawn 1980; Method of Test for Linear Thermal Expansion of Fired Ceramic Whiteware Materials by the Interferometric Method; Replaced by C539
C328 Withdrawn 1972; Test Methods for Modulus of Rupture of Fired, Dry-Pressed Ceramic Whiteware Specimens at Normal Temperature; Replaced by C674
C329-88(2006) Test Method for Specific Gravity of Fired Ceramic Whiteware Materials, **15.02**
C330/C330M-09 Specification for Lightweight Aggregates for Structural Concrete, **04.02**
C331-05 Specification for Lightweight Aggregates for Concrete Masonry Units, **04.02**
C332-09 Specification for Lightweight Aggregates for Insulating Concrete, **04.02**
C333 Withdrawn 1963; Specification for Diatomaceous Earth Thermal Block Insulation; Replaced by C517
C334 Withdrawn 1963; Specification for Diatomaceous Earth Thermal Insulation for Pipes; Replaced by C517
C335-05a$^{\epsilon 1}$ Test Method for Steady-State Heat Transfer Properties of Pipe Insulation, **04.06**
C336-71(2005) Test Method for Annealing Point and Strain Point of Glass by Fiber Elongation, **15.02**
C337 Withdrawn 1970; Method of Test for Average Linear Expansion of Glass; Replaced by E228
C338-93(2008) Test Method for Softening Point of Glass, **15.02**
C339 Withdrawn 1970; Specification for Cork Pipe Insulation for Low Temperature; Replaced by C640
C340 Withdrawn 1970; Specification for Corkboard Thermal Insulation
C341/C341M-06 Practice for Length Change of Cast, Drilled, or Sawed Specimens of Hydraulic-Cement Mortar and Concrete, **04.02**
C342 Withdrawn 2001; Test Method for Potential Volume Change of Cement-Aggregate Combinations
C343 Withdrawn 1966; Specification for Cellular Glass Insulating Block; Replaced by C552
C344 Withdrawn 1964; Specification for Calcium Silicate Thermal Block Insulation; Replaced by C553
C345 Withdrawn 1964; Specification for Calcium Silicate Thermal Insulation for Pipes; Replaced by C553
C346-87(2009) Test Method for 45-deg Specular Gloss of Ceramic Materials, **02.05**
C347 Withdrawn 1991; Method of Test for Reflectivity and Coefficient of Scatter of White Porcelain Enamels
C348-08 Test Method for Flexural Strength of Hydraulic-Cement Mortars, **04.01**
C349-08 Test Method for Compressive Strength of Hydraulic-Cement Mortars (Using Portions of Prisms Broken in Flexure), **04.01**
C350 Withdrawn 1969; Specification for Fly Ash for Use As an Admixture in Portland Cement Concrete; Replaced by C618
C351 Withdrawn 2008; Test Method for Mean Specific Heat of Thermal Insulation
C352 Withdrawn 1969; Specification for Corkboard Thermal Insulation; Replaced by C640
C353 Withdrawn 2002; Test Method for Adhesion of Dried Thermal Insulating or Finishing Cement
C354 Withdrawn 2002; Test Method for Compressive Strength of Thermal Insulating or Finishing Cement
C355 Withdrawn 1983; Test Methods for Water Vapor Transmission of Thick Materials; Replaced by E96
C356-03 Test Method for Linear Shrinkage of Preformed High-Temperature Thermal Insulation Subjected to Soaking Heat, **04.06**
C357-07(2009)$^{\epsilon 1}$ Test Method for Bulk Density of Granular Refractory Materials, **15.01**
C358 Withdrawn 1968; Specification for Slag Cement; Replaced by C595
C359-08 Test Method for Early Stiffening of Hydraulic Cement (Mortar Method), **04.01**
C360 Withdrawn 1999; Test Method for Ball Penetration in Freshly Mixed Hydraulic Cement Concrete
C361-08 Specification for Reinforced Concrete Low-Head Pressure Pipe, **04.05**
C361M-08 Specification for Reinforced Concrete Low-Head Pressure Pipe (Metric), **04.05**
C362 Withdrawn 1960; Specification for Reinforced Concrete Onternal Pressure Sewer Pipe
C363/C363M-09 Test Method for Node Tensile Strength of Honeycomb Core Materials, **15.03**
C364/C364M-07 Test Method for Edgewise Compressive Strength of Sandwich Constructions, **15.03**
C365/C365M-05 Test Method for Flatwise Compressive Properties of Sandwich Cores, **15.03**
C366/C366M-05 Test Methods for Measurement of Thickness of Sandwich Cores, **15.03**
C367/C367M-09 Test Methods for Strength Properties of Prefabricated Architectural Acoustical Tile or Lay-In Ceiling Panels, **04.06**
C368-88(2006) Test Method for Impact Resistance of Ceramic Tableware, **15.02**
C369 Withdrawn 1972; Method of Test for Modulus of Rupture of Fired, Cast or Extruded Whiteware Products; Replaced by C674
C370-88(2006) Test Method for Moisture Expansion of Fired Whiteware Products, **15.02**
C371-09 Test Method for Wire-Cloth Sieve Analysis of Nonplastic Ceramic Powders, **15.02**
C372-94(2007) Test Method for Linear Thermal Expansion of Porcelain Enamel and Glaze Frits and Fired Ceramic Whiteware Products by the Dilatometer Method, **15.02**
C373-88(2006) Test Method for Water Absorption, Bulk Density, Apparent Porosity, and Apparent Specific Gravity of Fired Whiteware Products, **15.02**
C374-70(2009) Test Methods for Fusion Flow of Porcelain Enamel Frits (Flow-Button Methods), **02.05**
C375-58(2006) Classification of Water Used in Milling of Porcelain Enamel, **02.05**
C376 Withdrawn 1974; Definition of Terms Relating to Magnesium Oxychlori and Magnesium Oxysulfate Cements
C377 Withdrawn 1983; Specification for Precast Reinforced Gypsum Slabs
C378 Withdrawn 1968; Specification for Mineral Fiber Block or Board Insulation for Low Temperature; Replaced by C612
C379 Withdrawn 1967; Specification for Fly Ash for Use As a Pozzolanic Material With Lime; Replaced by C593
C380 Withdrawn 1965; Specification for Annular Ringed Nails for Gypsum Wallboard; Replaced by C514
C381 Withdrawn 1965; Specification for Cellular Glass Thermal Insulation fo Pipes; Replaced by C552
C382 Withdrawn 1965; Specification for Mineral Fiber Blanket and Felt Insulation (Industrial type) for Elevated Temperatures; Replaced by C553
C383 Withdrawn 2002; Test Method for Wet Adhesion of Thermal Insulating Cements to Metal
C384-04 Test Method for Impedance and Absorption of Acoustical Materials Impedance Tube Method, **04.06**
C385-58(2009) Test Method for Thermal Shock Resistance of Porcelain-Enameled Utensils, **02.05**
C386-93(2008) Practice for Use of Chemical-Resistant Sulfur Mortar, **04.05**
C387/C387M-10 Specification for Packaged, Dry, Combined Materials for Mortar and Concrete, **04.02**
C388 Withdrawn 1974; Method of Test for Yield of Magnesium Oxychloride Cement (Field Test)
C389 Withdrawn 1974; Method of Test for Yield of Magnesium Oxychloride Cement (Laboratory Test)
C390-08$^{\epsilon 1}$ Practice for Sampling and Acceptance of Thermal Insulation Lots, **04.06**
C391 Withdrawn 1977; Specification for Amosite Asbestos Thermal Insulatio for Pipes
C392 Withdrawn 1968; Specification for Mineral Fiber Block or Board Therm Insulation for Elevated Temperatures; Replaced by C612
C393/C393M-06 Test Method for Core Shear Properties of Sandwich Constructions by Beam Flexure, **15.03**
C394-00(2008) Test Method for Shear Fatigue of Sandwich Core Materials, **15.03**
C395-01(2006) Specification for Chemical-Resistant Resin Mortars, **04.05**
C396 Withdrawn 1983; Method of Test for Compressive Strength of Chemically Setting Silicate and Silica Chemical-Resistant Mortars; Replaced by C579
C397-00(2005) Practice for Use of Chemically Setting Chemical-Resistant Silicate and Silica Mortars, **04.05**
C398-98(2008) Practice for Use of Hydraulic Cement Mortars in Chemical-Resistant Masonry, **04.05**
C399-98(2008)$^{\epsilon 1}$ Practice for Use of Chemical-Resistant Resin Mortars, **04.0**
C400-98(2006) Test Methods for Quicklime and Hydrated Lime for Neutralization of Waste Acid, **04.01**
C401-91(2005) Classification of Alumina and Alumina-Silicate Castable Refractories, **15.01**
C402 Withdrawn 1968; Specification for Raw or Calcined Natural Pozzolans for Use As Admixtures in Portland Cement Concrete; Replaced by C618

C403/C403M-08 Test Method for Time of Setting of Concrete Mixtures by Penetration Resistance, **04.02**
C404-07 Specification for Aggregates for Masonry Grout, **04.05**
C405 Withdrawn 2006; Practice for Estimating Consistency of Wet-Mixed Thermal Insulating Cement
C406-06$^{\varepsilon 1}$ Specification for Roofing Slate, **04.07**
C407 Withdrawn 1975; Method of Test for Compressive (Crushing) Strength of Fired Whiteware Materials; Replaced by C773
C408-88(2006) Test Method for Thermal Conductivity of Whiteware Ceramics, **15.02**
C409 Withdrawn 1990; Test Method for Torsion Resistance of Laboratory Specimens of Porcelain Enameled Iron and Steel
C410-08 Specification for Industrial Floor Brick, **04.05**
C411-05 Test Method for Hot-Surface Performance of High-Temperature Thermal Insulation, **04.06**
C412-05a Specification for Concrete Drain Tile, **04.05**
C412M-05a Specification for Concrete Drain Tile [Metric], **04.05**
C413-01(2006) Test Method for Absorption of Chemical-Resistant Mortars, Grouts, Monolithic Surfacings, and Polymer Concretes, **04.05**
C414-03(2008) Test Method for Working, Setting, and Service Strength Setting Times of Chemically Setting Chemical-Resistant Silicate and Silica Mortars, **04.05**
C415 Withdrawn 1982; Specification for Quicklime and Hydrated Lime for Calcium Silicate Products; Replaced by C911
C416-97(2007) Classification of Silica Refractory Brick, **15.01**
C417-05 Test Method for Thermal Conductivity of Unfired Monolithic Refractories, **15.01**
C418-05 Test Method for Abrasion Resistance of Concrete by Sandblasting, **04.02**
C419-08 Practice for Making and Curing Test Specimens of Mastic Thermal Insulation Coatings, **04.06**
C420 Withdrawn 1970; Method of Test for Thermal Conductivity of Insulating Materials at Low Temperatures by Means of the Wilkes Calorimeter
C421-08 Test Method for Tumbling Friability of Preformed Block-Type and Preformed Pipe-Covering-Type Thermal Insulation, **04.06**
C422 Withdrawn 1964; Specification for Structural Granite
C423-09a Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method, **04.06**
C424-93(2006) Test Method for Crazing Resistance of Fired Glazed Whitewares by Autoclave Treatment, **15.02**
C425-04(2009) Specification for Compression Joints for Vitrified Clay Pipe and Fittings, **04.05**
C426-07 Test Method for Linear Drying Shrinkage of Concrete Masonry Units, **04.05**
C427 Withdrawn 1981; Method of Test for Moisture Condition of Hardened Concrete by the Relative Humidity Method
C428-05(2006) Specification for Asbestos-Cement Nonpressure Sewer Pipe, **04.05**
C429-01(2006) Test Method for Sieve Analysis of Raw Materials for Glass Manufacture, **15.02**
C430-08 Test Method for Fineness of Hydraulic Cement by the 45-µm (No. 325) Sieve, **04.01**
C431 Withdrawn 1975; Methods for Sampling and Evaluation of Sorptive Mineral Products Used As Floor Absorbents
C432 Withdrawn 1967; Specification for Pozzolans for Use with Lime; Replaced by C593
C433 Withdrawn 1982; Specification for Quicklime and Hydrated Lime for Hypochlorite Bleach Manufacture; Replaced by C911
C434 Withdrawn 1984; Specification for Insulating Firebrick for Linings of Industrial Furnaces Operated with a Neutral or Oxidizing Atmosphere
C435 Withdrawn 2001; Classification of Steel Pouring Pit Fireclay Refractories
C436 Withdrawn 1990; Test Method for Reheat Change of Carbon Refractory Brick and Shapes
C437 Withdrawn 1971; Test Method for Size and Bulk Density of Insulating Fire Brick; Replaced by C134
C438 Withdrawn 1973; Method of Test for Thermal Conductivity of Plastic Refractories; Replaced by C417
C439 Withdrawn 1990; Test Method for Resisistance to Thermal Spalling of Silica Brick
C440 Withdrawn 1969; Specification for Cotton Mats for Curing Concrete
C441-05 Test Method for Effectiveness of Pozzolans or Ground Blast-Furnace Slag in Preventing Excessive Expansion of Concrete Due to the Alkali-Silica Reaction, **04.02**
C442/C442M Withdrawn 2005; Specification for Gypsum Wallboard; Replaced by C1396
C443-05a$^{\varepsilon 1}$ Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets, **04.05**
C443M-07 Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets [Metric], **04.05**
C444-03(2009) Specification for Perforated Concrete Pipe, **04.05**
C444M-03(2009) Specification for Perforated Concrete Pipe (Metric), **04.05**
C445 Withdrawn 1980; Method of Test for Normal Total Emittance of Surfaces of Materials 0.01 in. or Less in Thickness at Approximately Room Temperature
C446 Withdrawn 2002; Test Method for Breaking Load and Calculated Modulus of Rupture of Preformed Insulation for Pipes
C447-03 Practice for Estimating the Maximum Use Temperature of Thermal Insulations, **04.06**
C448-88(2006) Test Methods for Abrasion Resistance of Porcelain Enamels, **02.05**
C449-07 Specification for Mineral Fiber Hydraulic-Setting Thermal Insulating and Finishing Cement, **04.06**
C450-08 Practice for Fabrication of Thermal Insulating Fitting Covers for NPS Piping, and Vessel Lagging, **04.06**
C451-08 Test Method for Early Stiffening of Hydraulic Cement (Paste Method), **04.01**
C452-06 Test Method for Potential Expansion of Portland-Cement Mortars Exposed to Sulfate, **04.01**
C453 Withdrawn 1969; Method of Test for Flexural Strength of Chemically Setting Silicate-Type Chemical-Resistant Mortars; Replaced by C580
C454-83(2007) Practice for Disintegration of Carbon Refractories by Alkali, **15.01**
C455-07 Classification of Chrome, Chrome-Magnesia, Magnesia-Chrome, and Magnesia Brick, **15.01**
C456-93(2008) Test Method for Hydration Resistance of Basic Bricks and Shapes, **15.01**
C457/C457M-10a Test Method for Microscopical Determination of Parameters of the Air-Void System in Hardened Concrete, **04.02**
C458-98(2006) Test Method for Organic Fiber Content of Asbestos-Cement Products, **04.05**
C459-97(2006) Test Methods for Asbestos-Cement Flat Products, **04.05**
C460 Withdrawn 2001; Terminology for Asbestos-Cement; Replaced by D2946
C461-81(2008) Test Methods for Mastics and Coatings Used With Thermal Insulation, **04.06**
C462 Withdrawn 1965; Specification for Standard Strength Ceramic Glazed Clay Pipe; Replaced by C700
C463 Withdrawn 1965; Specification for Extra Strength Ceramic Glazed Clay Pipe; Replaced by C700
C464 Withdrawn 1990; Test Method for Corrosion Effect of Thermal Insulating Cements on Base Metal
C465-10 Specification for Processing Additions for Use in the Manufacture, **04.01**
C466-03(2008) Specification for Chemically Setting Silicate and Silica Chemical-Resistant Mortars, **04.05**
C467-97(2008) Classification of Mullite Refractories, **15.01**
C468 Withdrawn 1984; Classification of Granular Refractory Dolomite
C469-02$^{\varepsilon 1}$ Test Method for Static Modulus of Elasticity and Poisson's Ratio of Concrete in Compression, **04.02**
C470/C470M-09 Specification for Molds for Forming Concrete Test Cylinders Vertically, **04.02**
C471M-01(2006)$^{\varepsilon 1}$ Test Methods for Chemical Analysis of Gypsum and Gypsum Products [Metric], **04.01**
C472-99(2009) Test Methods for Physical Testing of Gypsum, Gypsum Plasters and Gypsum Concrete, **04.01**
C473-10 Test Methods for Physical Testing of Gypsum Panel Products, **04.01**
C474-05 Test Methods for Joint Treatment Materials for Gypsum Board Construction, **04.01**
C475/C475M-02(2007) Specification for Joint Compound and Joint Tape for Finishing Gypsum Board, **04.01**
C476-09 Specification for Grout for Masonry, **04.05**
C477 Withdrawn 1970; Specification for Cast-in-Place Nonreinforced Concrete Agricultural Pipeline
C478-09 Specification for Precast Reinforced Concrete Manhole Sections, **04.05**
C478M-09 Specification for Precast Reinforced Concrete Manhole Sections (Metric), **04.05**
C479-04(2008) Specification for Vitrified Clay Liner Plates, **04.05**
C480/C480M-08 Test Method for Flexure Creep of Sandwich Constructions, **15.03**
C481-99(2005) Test Method for Laboratory Aging of Sandwich Constructions, **15.03**
C482-02(2009) Test Method for Bond Strength of Ceramic Tile to Portland Cement Paste, **15.02**
C483 Withdrawn 2004; Test Method for Electrical Resistance of Conductive Ceramic Tile
C484-99(2009) Test Method for Thermal Shock Resistance of Glazed Ceramic Tile, **15.02**
C485-09 Test Method for Measuring Warpage of Ceramic Tile, **15.02**
C486 Withdrawn 1974; Method of Test for Spalling Resistance of Porcelain Enameled Aluminum; Replaced by C703
C487 Withdrawn 1982; Method of Test for Resistance to Dropping of Preformed Block-Type Thermal Insulation
C488-05 Test Method for Conducting Exterior Exposure Tests of Finishes for Thermal Insulation, **04.06**
C489 Withdrawn 1973; Specification for 85 Percent Magnesia Block and Pipe Thermal Insulation; Replaced by C489
C490/C490M-09 Practice for Use of Apparatus for the Determination of Length Change of Hardened Cement Paste, Mortar, and Concrete, **04.01, 04.02**
C491 Withdrawn 1992; Test Method for Modulus of Rupture of Air-Setting Plastic Refractories
C492-92(2008) Test Method for Hydration of Granular Dead-Burned Refractory Dolomite, **15.01**
C493 Withdrawn 2002; Test Method for Bulk Density and Porosity of Granular Refractory Materials by Mercury Displacement
C494/C494M-10 Specification for Chemical Admixtures for Concrete, **04.02**
C495-07 Test Method for Compressive Strength of Lightweight Insulating Concrete, **04.02**
C496/C496M-04$^{\varepsilon 1}$ Test Method for Splitting Tensile Strength of Cylindrical Concrete Specimens, **04.02**
C497-05 Test Methods for Concrete Pipe, Manhole Sections, or Tile, **04.05**

C497M-05 Test Methods for Concrete Pipe, Manhole Sections, or Tile [Metric], **04.05**
C499-09 Test Method for Facial Dimensions and Thickness of Flat, Rectangular Ceramic Wall and Floor Tile, **15.02**
C500-07 Test Methods for Asbestos-Cement Pipe, **04.05**
C501-84(2009) Test Method for Relative Resistance to Wear of Unglazed Ceramic Tile by the Taber Abraser, **15.02**
C502-09 Test Method for Wedging of Flat, Rectangular Ceramic Wall and Floor Tile, **15.02**
C503-08a Specification for Marble Dimension Stone, **04.07**
C504 Withdrawn 1964; Method of Test for Dry Tensile Bond Strength of Thermal Insulating or Finishing Cements to Thermal Insulations
C505-05a Specification for Nonreinforced Concrete Irrigation Pipe with Rubber Gasket Joints, **04.05**
C505M-05a Specification for Nonreinforced Concrete Irrigation Pipe With Rubber Gasket Joints [Metric], **04.05**
C506-10 Specification for Reinforced Concrete Arch Culvert, Storm Drain, and Sewer Pipe, **04.05**
C506M-10 Specification for Reinforced Concrete Arch Culvert, Storm Drain, and Sewer Pipe (Metric), **04.05**
C507-10 Specification for Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe, **04.05**
C507M-10 Specification for Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe (Metric), **04.05**
C508/C508M-00(2009)$^{\varepsilon 1}$ Specification for Asbestos-Cement Underdrain Pipe, **04.05**
C509-06 Specification for Elastomeric Cellular Preformed Gasket and Sealing Material, **04.07**
C510-05a Test Method for Staining and Color Change of Single- or Multicomponent Joint Sealants, **04.07**
C511-09 Specification for Mixing Rooms, Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the Testing of Hydraulic Cements and Concretes, **04.01**, **04.02**
C512-02 Test Method for Creep of Concrete in Compression, **04.02**
C513 Withdrawn 2003; Test Method for Obtaining and Testing Specimens of Hardened Lightweight Insulating Concrete for Compressive Strength
C514-04(2009)$^{\varepsilon 1}$ Specification for Nails for the Application of Gypsum Board, **04.01**
C515-95(2007) Specification for Chemical-Resistant Ceramic Tower Packings, **04.05**
C516-08 Specification for Vermiculite Loose Fill Thermal Insulation, **04.06**
C517 Withdrawn 1989; Specification for Diatomaceous Earth Block and Pipe Thermal Insulation
C518-10 Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus, **04.06**
C519 Withdrawn 1995; Test Method for Density of Fibrous Loose Fill Building Insulations
C520-04 Test Methods for Density of Granular Loose Fill Insulations, **04.06**
C521 Withdrawn 1967; Recommended Practice for Outer Diameters of Rigid Thermal Pipe Insulation for Standard Nominal Pipe Sizes (NPS System); Replaced by C585
C522-03(2009)$^{\varepsilon 1}$ Test Method for Airflow Resistance of Acoustical Materials, **04.06**
C523 Withdrawn 1991; Test Method for Light Reflectance of Acoustical Materials by the Integrating Sphere Reflectometer
C524 Redesignated F130
C525 Redesignated F131
C526 Redesignated F132
C527 Redesignated F133
C528 Withdrawn 1975; Method of Test for Compressive Strength of High-Strength Ceramic Materials; Replaced by C773
C529 Withdrawn 1975; Definition of Terms Relating to Sorptive Mineral Materials Used As Floor Absorbents
C530-99(2005) Specification for Structural Clay Nonloadbearing Screen Tile, **04.05**
C531-00(2005) Test Method for Linear Shrinkage and Coefficient of Thermal Expansion of Chemical-Resistant Mortars, Grouts, Monolithic Surfacings, and Polymer Concretes, **04.05**
C532 Withdrawn 1993; Specification for Structural Insulating Formboard (Cellulosic Fiber)
C533-09 Specification for Calcium Silicate Block and Pipe Thermal Insulation, **04.06**
C534/C534M-08 Specification for Preformed Flexible Elastomeric Cellular Thermal Insulation in Sheet and Tubular Form, **04.06**
C535-09 Test Method for Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine, **04.02**
C536-83(2009) Test Method for Continuity of Coatings in Glassed Steel Equipment by Electrical Testing, **02.05**
C537-87(2009) Test Method for Reliability of Glass Coatings on Glassed Steel Reaction Equipment by High Voltage, **02.05**
C538-83(2009) Test Method for Color Retention of Red, Orange, and Yellow Porcelain Enamels, **02.05**
C539-84(2006) Test Method for Linear Thermal Expansion of Porcelain Enamel and Glaze Frits and Ceramic Whiteware Materials by Interferometric Method, **02.05**
C540 Withdrawn 1991; Test Method for Image Gloss of Porcelain Enamel Surfaces
C541-98(2006) Specification for Linings for Asbestos-Cement Pipe, **04.05**
C542-05 Specification for Lock-Strip Gaskets, **04.07**
C543 Withdrawn 1989; Specification for Slate Blackboards
C544-03(2008) Test Method for Hydration of Dead Burned Magnesite or Periclase Grain, **15.01**
C545-97(2007) Classification of Zircon Refractories, **15.01**
C546 Withdrawn 1985; Method of Test for Load Testing Refractory Brick at High Temperatures, Long Time
C547-07$^{\varepsilon 1}$ Specification for Mineral Fiber Pipe Insulation, **04.06**
C548 Withdrawn 1983; Method of Test for Dimensional Stability of Low Temperature Thermal Block and Pipe Insulation
C549-06 Specification for Perlite Loose Fill Insulation, **04.06**
C550-10 Test Method for Measuring Trueness and Squareness of Rigid Bloc and Board Thermal Insulation, **04.06**
C551-07 Specification for Asbestos-Cement Fiberboard Insulating Panels, **04.05**
C552-07 Specification for Cellular Glass Thermal Insulation, **04.06**
C553-08 Specification for Mineral Fiber Blanket Thermal Insulation for Commercial and Industrial Applications, **04.06**
C554-93(2006) Test Method for Crazing Resistance of Fired Glazed Ceramic Whitewares by a Thermal Shock Method, **15.02**
C555 Withdrawn 1973; Method for Determination of Load Extracted from Glazed Ceramic Surfaces; Replaced by C738
C556 Withdrawn 1994; Test Method for Resistance of Overglaze Decorations to Attack by Detergents
C557-03(2009)$^{\varepsilon 1}$ Specification for Adhesives for Fastening Gypsum Wallboar to Wood Framing, **15.06**
C558 Withdrawn 1982; Method for Measurement of Lattice Spacing of Nucle Graphite
C559-90(2005) Test Method for Bulk Density by Physical Measurements of Manufactured Carbon and Graphite Articles, **05.05**
C560-88(2005)$^{\varepsilon 1}$ Test Methods for Chemical Analysis of Graphite, **05.05**
C561-91(2005) Test Method for Ash in a Graphite Sample, **05.05**
C562-91(2005) Test Method for Moisture in a Graphite Sample, **05.05**
C563-07 Test Method for Approximation of Optimum SO_3 in Hydraulic Cemer Using Compressive Strength, **04.01**
C564-09 Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings **01.02**
C565-93(2005) Test Methods for Tension Testing of Carbon and Graphite Mechanical Materials, **05.05**
C566-97(2004) Test Method for Total Evaporable Moisture Content of Aggregate by Drying, **04.02**
C567-05a Test Method for Determining Density of Structural Lightweight Concrete, **04.02**
C568-08a Specification for Limestone Dimension Stone, **04.07**
C569 Withdrawn 1989; Test Method for Indentation Hardness of Preformed Thermal Insulations
C570 Withdrawn 2002; Specification for Oil- and Resin-Base Caulking Compound for Building Construction
C571 Withdrawn 1995; Methods for Chemical Analysis of Carbon and Carbon-Ceramic Refractories
C572 Withdrawn 1995; Methods for Chemical Analysis of Chrome-Containing Refractories and Chrome Ore
C573 Withdrawn 1995; Methods for Chemical Analysis of Fireclay and High-Alumina Refractories
C574 Withdrawn 1993; Method for Chemical Analysis of Magnesite and Dolomite Refractories
C575 Withdrawn 1995; Methods for Chemical Analysis of Silica Refractories
C576 Withdrawn 1994; Methods for Chemical Analysis of Zircon Refractories
C577-07$^{\varepsilon 1}$ Test Method for Permeability of Refractories, **15.01**
C578-10 Specification for Rigid, Cellular Polystyrene Thermal Insulation, **04.0**
C579-01(2006) Test Methods for Compressive Strength of Chemical-Resistan Mortars, Grouts, Monolithic Surfacings, and Polymer Concretes, **04.05**
C580-02(2008) Test Method for Flexural Strength and Modulus of Elasticity o Chemical-Resistant Mortars, Grouts, Monolithic Surfacings, and Polymer Concretes, **04.05**
C581-03(2008)$^{\varepsilon 1}$ Practice for Determining Chemical Resistance of Thermosetting Resins Used in Glass-Fiber-Reinforced Structures Intende for Liquid Service, **08.03**
C582-09 Specification for Contact-Molded Reinforced Thermosetting Plastic (RTP) Laminates for Corrosion-Resistant Equipment, **08.03**
C583-05(2009) Test Method for Modulus of Rupture of Refractory Materials a Elevated Temperatures, **15.01**
C584-81(2006) Test Method for Specular Gloss of Glazed Ceramic Whitewares and Related Products, **15.02**
C585-10 Practice for Inner and Outer Diameters of Thermal Insulation for Nominal Sizes of Pipe and Tubing, **04.06**
C586-05 Test Method for Potential Alkali Reactivity of Carbonate Rocks as Concrete Aggregates (Rock-Cylinder Method), **04.02**
C587-04 Specification for Gypsum Veneer Plaster, **04.01**
C588/C588M Withdrawn 2005; Specification for Gypsum Base for Veneer Plasters; Replaced by C1396/C1396M
C589 Withdrawn 1992; Method of Test for Apparent Impact Strength of Preformed Block Type Thermal Insulating Materials
C590 Withdrawn 1986; Method of Test for Action on Substrates by Coatings, Adhesives and Joint Sealents Used on or with Thermal Insulations
C591-09 Specification for Unfaced Preformed Rigid Cellular Polyisocyanurate **04.06**
C592-08a Specification for Mineral Fiber Blanket Insulation and Blanket-Type Pipe Insulation (Metal-Mesh Covered) (Industrial Type), **04.06**
C593-06 Specification for Fly Ash and Other Pozzolans for Use With Lime fo Soil Stabilization, **04.01**
C594 Withdrawn 1977; Specification for Compression Couplings for Vitrified

Clay Plain-End Pipe; Replaced by C425
C595/C595M-10 Specification for Blended Hydraulic Cements, **04.01**
C596-09 Test Method for Drying Shrinkage of Mortar Containing Hydraulic Cement, **04.01**
C597-09 Test Method for Pulse Velocity Through Concrete, **04.02**
C598-93(2008) Test Method for Annealing Point and Strain Point of Glass by Beam Bending, **15.02**
C599 Withdrawn 2002; Specification for Conical Process Glass Pipe and Fittings
C600-85(2005) Method of Thermal Shock Test on Glass Pipe, **15.02**
C601-85(2005) Test Method for Pressure Test on Glass Pipe, **15.02**
C602-07 Specification for Agricultural Liming Materials, **04.01**
C603-04(2008) Test Method for Extrusion Rate and Application Life of Elastomeric Sealants, **04.07**
C604-02(2007)$^{\varepsilon 1}$ Test Method for True Specific Gravity of Refractory Materials by Gas-Comparison Pycnometer, **15.01**
C605 Withdrawn 1997; Test Method for Reheat Change of Fireclay Nozzles and Sleeves
C606 Withdrawn 1989; Test Method for Lap-Joint Strength of Refractory Mortar at Elevated Temperatures
C607-88(2005) Practice for Coking Large Shapes of Carbon-Bearing Materials, **15.01**
C608 Withdrawn 1984; Method of Test for Brittle Ring Tensile Strength of Chemically Setting Silicate and Silica Chemical-Resistant Mortars
C609-07 Test Method for Measurement of Light Reflectance Value and Small Color Differences Between Pieces of Ceramic Tile, **15.02**
C610-09$^{\varepsilon 1}$ Specification for Molded Expanded Perlite Block and Pipe Thermal Insulation, **04.06**
C611-98(2005)$^{\varepsilon 1}$ Test Method for Electrical Resistivity of Manufactured Carbon and Graphite Articles at Room Temperature, **05.05**
C612-10 Specification for Mineral Fiber Block and Board Thermal Insulation, **04.06**
C613/C613M-97(2008) Test Method for Constituent Content of Composite Prepreg by Soxhlet Extraction, **15.03**
C614-74(2005) Test Method for Alkali Resistance of Porcelain Enamels, **02.05**
C615-03 Specification for Granite Dimension Stone, **04.07**
C616-08 Specification for Quartz-Based Dimension Stone, **04.07**
C617-09a Practice for Capping Cylindrical Concrete Specimens, **04.02**
C618-08a Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete, **04.02**
C619 Withdrawn 1982; Method of Test for Chemical Resistance of Asbestos Fiber Reinforced thermosetting Resins Used in Self-Supporting Structures
C620 Withdrawn 1996; Test Method for Hydration Resistance of Pitch-Bearing Basic Refractory Brick
C621-09 Test Method for Isothermal Corrosion Resistance of Refractories to Molten Glass, **15.01**
C622 Withdrawn 2000; Test Method for Corrosion Resistance of Refractories to Molten Glass Using the Basin Furnace
C623-92(2005) Test Method for Young's Modulus, Shear Modulus, and Poisson's Ratio for Glass and Glass-Ceramics by Resonance, **15.02**
C624 Withdrawn 1980; Method for Determination of the DIH Purity of Nuclear Graphite
C625-95(2005) Practice for Reporting Irradiation Results on Graphite, **05.05**
C626 Withdrawn 1985; Methods for Estimating the Thermal Neutron Absorption Cross Section ofNuclear Graphite
C627-93(2007) Test Method for Evaluating Ceramic Floor Tile Installation Systems Using the Robinson-Type Floor Tester, **15.02**
C628 Withdrawn 1972; Method for Precision Electroformed Wet Sieve Analysis of Nonplastics Ceramic Powders
C629-08 Specification for Slate Dimension Stone, **04.07**
C630/C630M Withdrawn 2005; Specification for Water-Resistant Gypsum Backing Board
C631-09 Specification for Bonding Compounds for Interior Gypsum Plastering, **04.01**
C632-88(2006) Test Method for Reboiling Tendency of Sheet Steel for Porcelain Enameling, **02.05**
C633-01(2008) Test Method for Adhesion or Cohesion Strength of Thermal Spray Coatings, **02.05**
C634-10 Terminology Relating to Building and Environmental Acoustics, **04.06**
C635/C635M-07 Specification for the Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings, **04.06**
C636/C636M-08 Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels, **04.06**
C637-09 Specification for Aggregates for Radiation-Shielding Concrete, **04.02**
C638-09 Descriptive Nomenclature of Constituents of Aggregates for Radiation-Shielding Concrete, **04.02**
C639-01(2007) Test Method for Rheological (Flow) Properties of Elastomeric Sealants, **04.07**
C640 Withdrawn 1994; Specification for Corkboard and Cork Pipe Thermal Insulation
C641-09 Test Method for Iron Staining Materials in Lightweight Concrete Aggregates, **04.02**
C642-06 Test Method for Density, Absorption, and Voids in Hardened Concrete, **04.02**
C643 Withdrawn 1982; Test Method for Change in Acoustical Absorption of Ceiling Materials Due to Repainting
C644 Withdrawn 1982; Specification for Asbestos-Cement Non-Pressure Small Diameter Sewer Pipe; Replaced by C428
C645-09a Specification for Nonstructural Steel Framing Members, **04.01**
C646 Withdrawn 1984; Specification for Steel Drill Screws for the Application of Gypsum Board to Light-Gage Steel Studs; Replaced by C1002
C647-08 Guide to Properties and Tests of Mastics and Coating Finishes for Thermal Insulation, **04.06**
C648-04(2009) Test Method for Breaking Strength of Ceramic Tile, **15.02**
C649 Withdrawn 1971; Test Method for Hydration of Pitch-Breaking Basic Brick
C650-04(2009) Test Method for Resistance of Ceramic Tile to Chemical Substances, **15.02**
C651-91(2005)$^{\varepsilon 1}$ Test Method for Flexural Strength of Manufactured Carbon and Graphite Articles Using Four-Point Loading at Room Temperature, **05.05**
C652-09 Specification for Hollow Brick (Hollow Masonry Units Made From Clay or Shale), **04.05**
C653-97(2007) Guide for Determination of the Thermal Resistance of Low-Density Blanket-Type Mineral Fiber Insulation, **04.06**
C654-05a Specification for Porous Concrete Pipe, **04.05**
C654M-05a Specification for Porous Concrete Pipe [Metric], **04.05**
C655-09 Specification for Reinforced Concrete D-Load Culvert, Storm Drain, and Sewer Pipe, **04.05**
C655M-09 Specification for Reinforced Concrete D-Load Culvert, Storm Drain, and Sewer Pipe (Metric), **04.05**
C656-07 Specification for Structural Insulating Board, Calcium Silicate, **04.06**
C657-93(2008) Test Method for D-C Volume Resistivity of Glass, **15.02**
C658-98(2008) Specification for Chemical-Resistant Resin Grouts for Brick or Tile, **04.05**
C659-90(2008) Specification for Asbestos-Cement Organic-Foam Core Insulating Panels, **04.05**
C660-81(2005) Practices for Production and Preparation of Gray Iron Castings for Porcelain Enameling, **02.05**
C661-06 Test Method for Indentation Hardness of Elastomeric-Type Sealants by Means of a Durometer, **04.07**
C662-70(2005) Specification for Impervious Graphite Pipe and Threading, **05.05**
C663-98(2008) Specification for Asbestos-Cement Storm Drain Pipe, **04.05**
C664-87(2005) Test Methods for Thickness of Diffusion Coating, **02.05**
C665-06 Specification for Mineral-Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing, **04.06**
C666/C666M-03(2008) Test Method for Resistance of Concrete to Rapid Freezing and Thawing, **04.02**
C667-09 Specification for Prefabricated Reflective Insulation Systems for Equipment and Pipe Operating at Temperatures above Ambient Air, **04.06**
C668-98(2008) Specification for Asbestos-Cement Transmission Pipe, **04.05**
C669 Withdrawn 2002; Specification for Glazing Compounds for Back Bedding and Face Glazing of Metal Sash
C670-03 Practice for Preparing Precision and Bias Statements for Test Methods for Construction Materials, **04.02**
C671 Withdrawn 2003; Test Method for Critical Dilation of Concrete Specimens Subjected to Freezing
C672/C672M-03 Test Method for Scaling Resistance of Concrete Surfaces Exposed to Deicing Chemicals, **04.02**
C673-97(2008) Classification of Fireclay and High-Alumina Plastic Refractories and Ramming Mixes, **15.01**
C674-88(2006) Test Methods for Flexural Properties of Ceramic Whiteware Materials, **15.02**
C675-91(2006) Test Method for Alkali Resistance of Ceramic Decorations on Returnable Beverage Glass Containers, **15.02**
C676-04(2009) Test Method for Detergent Resistance of Ceramic Decorations on Glass Tableware, **15.02**
C677 Withdrawn 1994; Practice for Use of a Polyethylene Terephthalate Reference Film for the Measurement of the Time-Averaged Vapor Pressure in a Controlled Humidity Space
C678 Withdrawn 1995; Test Method for Determination of Particle Size Distribution of Alumina or Quartz Using Centrifugal Sedimentation
C679-03(2009)$^{\varepsilon 1}$ Test Method for Tack-Free Time of Elastomeric Sealants, **04.07**
C680-08 Practice for Estimate of the Heat Gain or Loss and the Surface Temperatures of Insulated Flat, Cylindrical, and Spherical Systems by Use of Computer Programs, **04.06**
C681-03(2009) Test Method for Volatility of Oil- and Resin-Based, Knife-Grade, Channel Glazing Compounds, **04.07**
C682 Withdrawn 2003; Practice for Evaluation of Frost Resistance of Coarse Aggregates in Air-Entrained Concrete by Critical Dilation Procedures
C683 Withdrawn 1984; Method of Test for Compressive and Flexural Strength of Concrete Under Field Conditions
C684-99(2003) Test Method for Making, Accelerated Curing, and Testing Concrete Compression Test Specimens, **04.02**
C685/C685M-10 Specification for Concrete Made by Volumetric Batching and Continuous Mixing, **04.02**
C686-90(2007) Test Method for Parting Strength of Mineral Fiber Batt- and Blanket-Type Insulation, **04.06**
C687-07 Practice for Determination of Thermal Resistance of Loose-Fill Building Insulation, **04.06**
C688-08 Specification for Functional Additions for Use in Hydraulic Cements, **04.01**
C689-09 Test Method for Modulus of Rupture of Unfired Clays, **15.02**
C690-09 Test Method for Particle Size Distribution of Alumina or Quartz Powders by Electrical Sensing Zone Technique, **15.02**
C691 Withdrawn 1987; Test Method for Steady-State Thermal Transmission

Properties of Nonhomogeneous Pipe Insulation Installed Horizontally; Replaced by C335
C692-08 Test Method for Evaluating the Influence of Thermal Insulations on External Stress Corrosion Cracking Tendency of Austenitic Stainless Steel, **04.06**
C693-93(2008) Test Method for Density of Glass by Buoyancy, **15.02**
C694-90a(2006) Test Method for Weight Loss (Mass Loss) of Sheet Steel During Immersion in Sulfuric Acid Solution, **02.05**
C695-91(2005) Test Method for Compressive Strength of Carbon and Graphite, **05.05**
C696-99(2005) Test Methods for Chemical, Mass Spectrometric, and Spectrochemical Analysis of Nuclear-Grade Uranium Dioxide Powders and Pellets, **12.01**
C697-04 Specification for Nuclear-Grade Aluminum Oxide-Boron Carbide Composite Pellets, **12.01**
C698-04 Test Methods for Chemical, Mass Spectrometric, and Spectrochemical Analysis of Nuclear-Grade Mixed Oxides ($(U, Pu)O_2$), **12.01**
C699 Withdrawn 1992; Methods for Chemical, Mass Spectrometric, and Spectrochemical Analysis of, and Physical Tests on Beryllium Oxide Powder
C700-09 Specification for Vitrified Clay Pipe, Extra Strength, Standard Strength, and Perforated, **04.05**
C701 Withdrawn 1979; Specification for Nuclear Grade Plutonium Metals
C702-98(2003) Practice for Reducing Samples of Aggregate to Testing Size, **04.02**
C703-72(2006) Test Methods for Spalling Resistance of Porcelain Enameled Aluminum, **02.05**
C704/C704M-09$^{\varepsilon 1}$ Test Method for Abrasion Resistance of Refractory Materials at Room Temperature, **15.01**
C705 Withdrawn 1993; Method for Chemical Analysis of Zirconia Refractories
C706-02(2008)$^{\varepsilon 1}$ Specification for Limestone for Animal Feed Use, **04.01**
C707 Withdrawn 1982; Specification for Gypsum Board Substrate for Floor or Roof Assemblies
C708-08 Specification for Nuclear-Grade Beryllium Oxide Powder, **12.01**
C709-06 Terminology Relating to Manufactured Carbon and Graphite, **05.05**
C710 Withdrawn 1980; Specification for Plutonium Nitrate Solutions
C711-03(2009) Test Method for Low-Temperature Flexibility and Tenacity of One-Part, Elastomeric, Solvent-Release Type Sealants, **04.07**
C712-03(2009) Test Method for Bubbling of One-Part, Elastomeric, Solvent-Release Type Sealants, **04.07**
C713 Withdrawn 2002; Test Method for Slump of an Oil-Base Knife-Grade Channel Glazing Compound
C714-05$^{\varepsilon 1}$ Test Method for Thermal Diffusivity of Carbon and Graphite by Thermal Pulse Method, **05.05**
C715-90(2006) Test Method for Nickel on Steel for Porcelain Enameling by Photometric Analysis, **02.05**
C716-06 Specification for Installing Lock-Strip Gaskets and Infill Glazing Materials, **04.07**
C717-10 Terminology of Building Seals and Sealants, **04.07**
C718 Withdrawn 2002; Test Method for Ultraviolet (UV)-Cold Box Exposure of One-Part, Elastomeric, Solvent-Release Type Sealants
C719-93(2010) Test Method for Adhesion and Cohesion of Elastomeric Joint Sealants Under Cyclic Movement (Hockman Cycle), **04.07**
C720 Withdrawn 1999; Specification for Spray-Applied Fibrous Thermal Insulation for Elevated Temperature
C721 Withdrawn 2002; Test Method for Average Particle Size of Alumina and Silica Powders by Air Permeability
C722-04 Specification for Chemical-Resistant Monolithic Floor Surfacings, **04.05**
C723-98(2008) Practice for Chemical-Resistant Resin Grouts for Brick or Tile, **04.05**
C724-91(2005) Test Method for Acid Resistance of Ceramic Decorations on Architectural-Type Glass, **15.02**
C725-90(2008) Specification for Semidense Mineral Fiber Siding, **04.05**
C726-05$^{\varepsilon 1}$ Specification for Mineral Fiber Roof Insulation Board, **04.06**
C727-01(2007)$^{\varepsilon 1}$ Practice for Installation and Use of Reflective Insulation in Building Constructions, **04.06**
C728-05(2010) Specification for Perlite Thermal Insulation Board, **04.06**
C729-05 Test Method for Density of Glass by the Sink-Float Comparator, **15.02**
C730-98(2008) Test Method for Knoop Indentation Hardness of Glass, **15.02**
C731-00(2006) Test Method for Extrudability, After Package Aging, of Latex Sealants, **04.07**
C732-06 Test Method for Aging Effects of Artificial Weathering on Latex Sealants, **04.07**
C733 Withdrawn 2000; Test Method for Volume Shrinkage of Latex Sealants
C734-06 Test Method for Low-Temperature Flexibility of Latex Sealants After Artificial Weathering, **04.07**
C735-04(2009) Test Method for Acid Resistance of Ceramic Decorations on Returnable Beer and Beverage,,, Glass Containers, **15.02**
C736-00(2006)$^{\varepsilon 1}$ Test Method for Extension-Recovery and Adhesion of Latex Sealants, **04.07**
C737-08 Specification for Limestone for Dusting of Coal Mines, **04.01**
C738-94(2006) Test Method for Lead and Cadmium Extracted from Glazed Ceramic Surfaces, **15.02**
C739-08 Specification for Cellulosic Fiber Loose-Fill Thermal Insulation, **04.06**
C740/C740M-97(2009) Practice for Evacuated Reflective Insulation In Cryogenic Service, **04.06**
C741 Withdrawn 2002; Test Method for Accelerated Aging of Wood Sash Face Glazing Compound
C742 Withdrawn 2002; Test Method for Degree of Set for Wood Sash Glazing Compound
C743-87(2009) Test Method for Continuity of Porcelain Enamel Coatings, **02.05**
C744-09 Specification for Prefaced Concrete and Calcium Silicate Masonry Units, **04.05**
C745 Withdrawn 2008; Test Method for Heat Flux Through Evacuated Insulations Using a Guarded Flat Plate Boiloff Calorimeter
C746-90(2008) Specification for Corrugated Asbestos-Cement Sheets for Bulkheading, **04.05**
C747-93(2005) Test Method for Moduli of Elasticity and Fundamental Frequencies of Carbon and Graphite Materials by Sonic Resonance, **05.05**
C748-98(2005) Test Method for Rockwell Hardness of Graphite Materials, **05.05**
C749-08 Test Method for Tensile Stress-Strain of Carbon and Graphite, **05.05**
C750-09 Specification for Nuclear-Grade Boron Carbide Powder, **12.01**
C751-07 Specification for Nuclear-Grade Boron Carbide Pellets, **12.01**
C752-03(2010) Specification for Nuclear-Grade Silver-Indium-Cadmium Alloy, **12.01**
C753-04(2009) Specification for Nuclear-Grade, Sinterable Uranium Dioxide Powder, **12.01**
C754-09a Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products, **04.01**
C755-03 Practice for Selection of Water Vapor Retarders for Thermal Insulation, **04.06**
C756-87(2006) Test Method for Cleanability of Surface Finishes, **02.05**
C757-06 Specification for Nuclear-Grade Plutonium Dioxide Powder, Sinterable, **12.01**
C758-04(2010) Test Methods for Chemical, Mass Spectrometric, Spectrochemical, Nuclear, and Radiochemical Analysis of Nuclear-Grade Plutonium Metal, **12.01**
C759-04 Test Methods for Chemical, Mass Spectrometric, Spectrochemical, Nuclear, and Radiochemical Analysis of Nuclear-Grade Plutonium Nitrate Solutions, **12.01**
C760-90(2007) Test Methods for Chemical and Spectrochemical Analysis of Nuclear-Grade Silver-Indium-Cadmium Alloys, **12.01**
C761-04$^{\varepsilon 1}$ Test Methods for Chemical, Mass Spectrometric, Spectrochemical, Nuclear, and Radiochemical Analysis of Uranium Hexafluoride, **12.01**
C762 Withdrawn 1999; Practice for Application of Spray-Applied Fibrous Thermal Insulation for Elevated Temperatures
C763 Not Assigned
C764-07 Specification for Mineral Fiber Loose-Fill Thermal Insulation, **04.06**
C765-97(2007) Test Method for Low-Temperature Flexibility of Preformed Tape Sealants, **04.07**
C766 Withdrawn 1994; Test Method for Adhesion After Impact of Preformed Tape Sealants
C767-93(2009) Test Method for Thermal Conductivity of Carbon Refractories, **15.01**
C768 Withdrawn 2004; Practice for Drip Slag Testing Refractory Materials at High Temperature
C769-09 Test Method for Sonic Velocity in Manufactured Carbon and Graphite Materials for Use in Obtaining an Approximate Young's Modulus, **05.05**
C770-98(2008) Test Method for Measurement of Glass Stress—Optical Coefficient, **15.02**
C771-03(2009) Test Method for Weight Loss After Heat Aging of Preformed Tape Sealants, **04.07**
C772-03(2009) Test Method for Oil Migration or Plasticizer Bleed-Out of Preformed Tape Sealants, **04.07**
C773-88(2006) Test Method for Compressive (Crushing) Strength of Fired Whiteware Materials, **15.02**
C774-88(2006) Test Method for Yield Strength of Enameling Steels After Straining and Firing, **02.05**
C775 Withdrawn 2002; Method for Particle-Size Analysis of Whiteware Clays
C776-06 Specification for Sintered Uranium Dioxide Pellets, **12.01**
C777-04(2009) Test Method for Sulfide Resistance of Ceramic Decorations on Glass, **15.02**
C778-06 Specification for Standard Sand, **04.01**
C779/C779M-05 Test Method for Abrasion Resistance of Horizontal Concrete Surfaces, **04.02**
C780-09 Test Method for Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry, **04.05**
C781-08 Practice for Testing Graphite and Boronated Graphite Materials for High-Temperature Gas-Cooled Nuclear Reactor Components, **05.05**
C782-03(2009) Test Method for Softness of Preformed Tape Sealants, **04.07**
C783-85(2005) Practice for Core Sampling of Graphite Electrodes, **05.05**
C784-05 Specification for Nuclear-Grade Aluminum Oxide-Boron Carbide Composite Pellets, **12.01**
C785-08 Specification for Nuclear-Grade Aluminum Oxide Pellets, **12.01**
C786/C786M-10 Test Method for Fineness of Hydraulic Cement and Raw Materials by the 300-μm (No. 50), 150-μm (No. 100), and 75-μm (No. 200) Sieves by Wet Methods, **04.01**
C787-06 Specification for Uranium Hexafluoride for Enrichment, **12.01**
C788-03(2009) Specification for Nuclear-Grade Uranyl Nitrate Solution or Crystals, **12.01**
C789 Withdrawn 2000; Specification for Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers; Replaced by C1433
C789M Withdrawn 2000; Specification for Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers [Metric]; Replaced by C1433M

C790 *Withdrawn 1992; Guide for Use of Latex Sealants; Replaced by C1193*
C791-04 Test Methods for Chemical, Mass Spectrometric, and Spectrochemical Analysis of Nuclear-Grade Boron Carbide, **12.01**
C792-04(2008) Test Method for Effects of Heat Aging on Weight Loss, Cracking, and Chalking of Elastomeric Sealants, **04.07**
C793-05(2010) Test Method for Effects of Laboratory Accelerated Weathering on Elastomeric Joint Sealants, **04.07**
C794-06 Test Method for Adhesion-in-Peel of Elastomeric Joint Sealants, **04.07**
C795-08 Specification for Thermal Insulation for Use in Contact with Austenitic Stainless Steel, **04.06**
C796-04 Test Method for Foaming Agents for Use in Producing Cellular Concrete Using Preformed Foam, **04.02**
C797 *Withdrawn 2002; Practices for Use of Oil- and Resin-Based Putty and Glazing Compounds*
C798 *Withdrawn 1987; Method of Test for Color Permanency of Glazed Ceramic Tile*
C799-99(2005) Test Methods for Chemical, Mass Spectrometric, Spectrochemical, Nuclear, and Radiochemical Analysis of Nuclear-Grade Uranyl Nitrate Solutions, **12.01**
C800-08 Specification for Fibrous Glass Blanket Insulation (Aircraft Type), **04.06**
C801 *Withdrawn 2004; Test Method for Determining the Mechanical Properties of Hardened Concrete Under Triaxial Loads*
C802-09a Practice for Conducting an Interlaboratory Test Program to Determine the Precision of Test Methods for Construction Materials, **04.02**
C803/C803M-03 Test Method for Penetration Resistance of Hardened Concrete, **04.02**
C804 *Withdrawn 1992; Practices for Use of Solvent-Release Type Sealants; Replaced by C1193*
C805/C805M-08 Test Method for Rebound Number of Hardened Concrete, **04.02**
C806-04 Test Method for Restrained Expansion of Expansive Cement Mortar, **04.01**
C807-08 Test Method for Time of Setting of Hydraulic Cement Mortar by Modified Vicat Needle, **04.01**
C808-75(2005) Guide for Reporting Friction and Wear Test Results of Manufactured Carbon and Graphite Bearing and Seal Materials, **05.05**
C809-94(2007) Test Methods for Chemical, Mass Spectrometric, and Spectrochemical Analysis of Nuclear-Grade Aluminum Oxide and AluminumOxide-Boron Carbide Composite Pellets, **12.01**
C810-90(2006) Test Method for Nickel on Steel for Porcelain Enameling by X-Ray Emission Spectrometry, **02.05**
C811-98(2008) Practice for Surface Preparation of Concrete for Application of Chemical-Resistant Resin Monolithic Surfacings, **04.05**
C812 *Withdrawn 1987; Method of Test for Hydrophobic Contamination on Glass by Water Condensation*
C813-90(2009) Test Method for Hydrophobic Contamination on Glass by Contact Angle Measurement, **15.02**
C814 *Not Assigned*
C815 *Not Assigned*
C816-85(2005) Test Method for Sulfur in Graphite by Combustion-Iodometric Titration Method, **05.05**
C817 *Not Assigned*
C818 *Not Assigned*
C819 *Withdrawn 1989; Test Method for Specific Surface Area of Carbon or Graphite*
C820 *Not Assigned*
C821-09 Specification for Lime for Use with Pozzolans, **04.01**
C822-08b Terminology Relating to Concrete Pipe and Related Products, **04.05**
C823/C823M-07 Practice for Examination and Sampling of Hardened Concrete in Constructions, **04.02**
C824-91(2005) Practice for Specimen Preparation for Determination of Linear Thermal Expansion of Vitreous Glass Enamels and Glass Enamel Frits by the Dilatometer Method, **15.02**
C825-06 Specification for Precast Concrete Barriers, **04.05**
C826 *Withdrawn 1982; Specification for Lime and Limestone Products for Industrial Waste Treatment; Replaced by C911*
C827-01a(2005) Test Method for Change in Height at Early Ages of Cylindrical Specimens of Cementitious Mixtures, **04.02**
C828-06 Test Method for Low-Pressure Air Test of Vitrified Clay Pipe Lines, **04.05**
C829-81(2005) Practices for Measurement of Liquidus Temperature of Glass by the Gradient Furnace Method, **15.02**
C830-00(2006)$^{\epsilon 1}$ Test Methods for Apparent Porosity, Liquid Absorption, Apparent Specific Gravity, and Bulk Density of Refractory Shapes by Vacuum Pressure, **15.01**
C831-98(2008) Test Methods for Residual Carbon, Apparent Residual Carbon, and Apparent Carbon Yield in Coked Carbon-Containing Brick and Shapes, **15.01**
C832-00(2005) Test Method of Measuring Thermal Expansion and Creep of Refractories Under Load, **15.01**
C833-01(2008) Specification for Sintered (Uranium-Plutonium) Dioxide Pellets, **12.01**
C834-10 Specification for Latex Sealants, **04.07**
C835-06 Test Method for Total Hemispherical Emittance of Surfaces up to 1400°C, **04.06**
C836/C836M-10 Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course, **04.04**
C837-09 Test Method for Methylene Blue Index of Clay, **15.02**
C838-96(2005) Test Method for Bulk Density of As-Manufactured Carbon and Graphite Shapes, **05.05**
C839-82(2005) Test Method for Compressive Stress of Porcelain Enamels by Loaded-Beam Method, **02.05**
C840-08 Specification for Application and Finishing of Gypsum Board, **04.01**
C841-03(2008)$^{\epsilon 1}$ Specification for Installation of Interior Lathing and Furring, **04.01**
C842-05 Specification for Application of Interior Gypsum Plaster, **04.01**
C843-99(2006) Specification for Application of Gypsum Veneer Plaster, **04.01**
C844-04 Specification for Application of Gypsum Base to Receive Gypsum Veneer Plaster, **04.01**
C845-04 Specification for Expansive Hydraulic Cement, **04.01**
C846-94(2009) Practice for Application of Cellulosic Fiber Insulating Board for Wall Sheathing, **04.06**
C847-10 Specification for Metal Lath, **04.01**
C848-88(2006) Test Method for Young's Modulus, Shear Modulus, and Poisson's Ratio For Ceramic Whitewares by Resonance, **15.02**
C849-88(2006) Test Method for Knoop Indentation Hardness of Ceramic Whitewares, **15.02**
C850 *Withdrawn 2000; Specification for Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers with Less Than 0.6 m of Cover Subjected to Highway Loadings; Replaced by C1433*
C850M *Withdrawn 2000; Specificationi for Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers with Less Than 0.6 m of Cover Subjected to Highway Loadings [Metric]; Replaced by C1433M*
C851 *Withdrawn 1984; Recommended Practice for Estimating Scratch Hardness of Coarse Aggregate Particles*
C852-09 Guide for Design Criteria for Plutonium Gloveboxes, **12.01**
C853 *Withdrawn 1992; Test Methods for Nondestructive Assay of Special Nuclear Material Contained in Scrap and Waste*
C854 *Withdrawn 1997; Test Method for Resistance to External Loads on Metal Reflective Pipe Insulation*
C855 *Withdrawn 1984; Thermal Resistance Factors for Preformed Above-Deck Roof Insulation*
C856-04 Practice for Petrographic Examination of Hardened Concrete, **04.02**
C857-07 Practice for Minimum Structural Design Loading for Underground Precast Concrete Utility Structures, **04.05**
C858-10 Specification for Underground Precast Concrete Utility Structures, **04.05**
C859-10 Terminology Relating to Nuclear Materials, **12.01**
C860-00(2005) Practice for Determining the Consistency of Refractory Castable Using the Ball-In-Hand Test, **15.01**
C861-93(2005) Practice for Determining Metric Dimensions of Standard Series Refractory Brick and Shapes, **15.01**
C862-02(2008) Practice for Preparing Refractory Concrete Specimens by Casting, **15.01**
C863-00(2005) Test Method for Evaluating Oxidation Resistance of Silicon Carbide Refractories at Elevated Temperatures, **15.01**
C864-05 Specification for Dense Elastomeric Compression Seal Gaskets, Setting Blocks, and Spacers, **04.07**
C865-02(2007) Practice for Firing Refractory Concrete Specimens, **15.01**
C866-77(2006) Test Method for Filtration Rate of Ceramic Whiteware Clays, **15.02**
C867-94(2007) Test Method for Soluble Sulfate in Ceramic Whiteware Clays (Photometric Method), **15.02**
C868-02(2008) Test Method for Chemical Resistance of Protective Linings, **04.05**
C869-91(2006) Specification for Foaming Agents Used in Making Preformed Foam for Cellular Concrete, **04.02**
C870-96(2004) Practice for Conditioning of Thermal Insulating Materials, **04.06**
C871-08a Test Methods for Chemical Analysis of Thermal Insulation Materials for Leachable Chloride, Fluoride, Silicate, and Sodium Ions, **04.06**
C872-89(2005) Test Method for Lead and Cadmium Release from Porcelain Enamel Surfaces, **02.05**
C873/C873M-04$^{\epsilon 1}$ Test Method for Compressive Strength of Concrete Cylinders Cast in Place in Cylindrical Molds, **04.02**
C874-99(2009) Practice for Rotary Slag Testing of Refractory Materials, **15.01**
C875-98(2008) Specification for Asbestos-Cement Conduit, **04.05**
C876-09 Test Method for Corrosion Potentials of Uncoated Reinforcing Steel in Concrete, **03.02, 04.02**
C877-08 Specification for External Sealing Bands for Concrete Pipe, Manholes, and Precast Box Sections, **04.05**
C877M-02(2009) Specification for External Sealing Bands for Concrete Pipe, Manholes, and Precast Box Sections (Metric), **04.05**
C878/C878M-09 Test Method for Restrained Expansion of Shrinkage-Compensating Concrete, **04.02**
C879-03(2009) Test Methods for Release Papers Used with Preformed Tape Sealants, **04.07**
C880/C880M-09 Test Method for Flexural Strength of Dimension Stone, **04.07**
C881/C881M-02 Specification for Epoxy-Resin-Base Bonding Systems for Concrete, **04.02**
C882/C882M-05$^{\epsilon 1}$ Test Method for Bond Strength of Epoxy-Resin Systems Used With Concrete By Slant Shear, **04.02**
C883 *Withdrawn 1996; Test Method for Effective Shrinkage of Epoxy-Resin Systems Used With Concrete*
C884/C884M-98(2005) Test Method for Thermal Compatibility Between Concrete and an Epoxy-Resin Overlay, **04.02**
C885-87(2007) Test Method for Young's Modulus of Refractory Shapes by Sonic Resonance, **15.01**

C886-98(2005) Test Method for Scleroscope Hardness Testing of Carbon and Graphite Materials, **05.05**
C887-05 Specification for Packaged, Dry, Combined Materials for Surface Bonding Mortar, **04.05**
C888-03(2008) Specification for Nuclear-Grade Gadolinium Oxide (Gd_2O_3) Powder, **12.01**
C889-06 Test Methods for Chemical and Mass Spectrometric Analysis of Nuclear-Grade Gadolinium Oxide (Gd_2O_3) Powder, **12.01**
C890-06 Practice for Minimum Structural Design Loading for Monolithic or Sectional Precast Concrete Water and Wastewater Structures, **04.05**
C891-09 Practice for Installation of Underground Precast Concrete Utility Structures, **04.05**
C892-05 Specification for High-Temperature Fiber Blanket Thermal Insulation, **04.06**
C893 Withdrawn 1984; Specification for Type G Steel Screws for the Application of Gypsum Board to Gypsum Board; Replaced by C1002
C894 Withdrawn 1984; Specification for Type W Drill Screws for the Application of Gypsum Board to Wood Framing; Replaced by C1002
C895-87(2009) Test Method for Lead and Cadmium Extracted from Glazed Ceramic Tile, **15.02**
C896-04(2009) Terminology Relating to Clay Products, **04.05**
C897-05(2009) Specification for Aggregate for Job-Mixed Portland Cement-Based Plasters, **04.01**
C898/C898M-09 Guide for Use of High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane with Separate Wearing Course, **04.04**
C899-79(2007) Practice for Use of Metric Units of Measure for Reporting Properties of Refractory Materials (COMMITTEE C-8 SUPPLEMENT TO E 380), **15.01**
C900-06 Test Method for Pullout Strength of Hardened Concrete, **04.02**
C901-09 Specification for Prefabricated Masonry Panels, **04.05**
C902-09 Specification for Pedestrian and Light Traffic Paving Brick, **04.05**
C903-08 Practice for Preparing Refractory Castable Specimens by Cold Gunning, **15.01**
C904-01(2006) Terminology Relating to Chemical-Resistant Nonmetallic Materials, **04.05**
C905-01(2006) Test Methods for Apparent Density of Chemical-Resistant Mortars, Grouts, Monolithic Surfacings, and Polymer Concretes, **04.05**
C906 Withdrawn 2006; Test Method for T-Peel Strength of Hot Applied Sealants
C907-03(2008) Test Method for Tensile Adhesive Strength of Preformed Tape Sealants by Disk Method, **04.07**
C908-00(2006) Test Method for Yield Strength of Preformed Tape Sealants, **04.07**
C909-93(2005) Practice for Dimensions of a Modular Series of Refractory Brick and Shapes, **15.01**
C910-06 Test Method for Bond and Cohesion of One-Part Elastomeric Solvent Release-Type Sealants, **04.07**
C911-06 Specification for Quicklime, Hydrated Lime, and Limestone for Chemical and Industrial Uses, **04.01**
C912-93(2008) Practice for Designing a Process for Cleaning Technical Glasses, **15.02**
C913-08 Specification for Precast Concrete Water and Wastewater Structures, **04.05**
C914-09 Test Method for Bulk Density and Volume of Solid Refractories by Wax Immersion, **15.01**
C915-79(2002) Specification for Precast Reinforced Concrete Crib Wall Members, **04.05**
C916-85(2007) Specification for Adhesives for Duct Thermal Insulation, **04.06**
C917-05 Test Method for Evaluation of Cement Strength Uniformity From a Single Source, **04.01**
C918/C918M-07 Test Method for Measuring Early-Age Compressive Strength and Projecting Later-Age Strength, **04.02**
C919-08 Practice for Use of Sealants in Acoustical Applications, **04.07**
C920-10 Specification for Elastomeric Joint Sealants, **04.07**
C921-10 Practice for Determining the Properties of Jacketing Materials for Thermal Insulation, **04.06**
C922-08 Specification for Sintered Gadolinium Oxide-Uranium Dioxide Pellets, **12.01**
C923-08 Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes, and Laterals, **04.05**
C923M-08b Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes, and Laterals [Metric], **04.05**
C924-02(2009) Practice for Testing Concrete Pipe Sewer Lines by Low-Pressure Air Test Method, **04.05**
C924M-02(2009) Practice for Testing Concrete Pipe Sewer Lines by Low-Pressure Air Test Method (Metric), **04.05**
C925-09 Guide for Precision Electroformed Wet Sieve Analysis of Nonplastic Ceramic Powders, **15.02**
C926-06 Specification for Application of Portland Cement-Based Plaster, **04.01**
C927-80(2009) Test Method for Lead and Cadmium Extracted from the Lip and Rim Area of Glass Tumblers Externally Decorated with Ceramic Glass Enamels, **15.02**
C928/C928M-09 Specification for Packaged, Dry, Rapid-Hardening Cementitious Materials for Concrete Repairs, **04.02**
C929-94(2009) Practice for Handling, Transporting, Shipping, Storage, Receiving, and Application of Thermal Insulation Materials For Use in Contact with Austenitic Stainless Steel, **04.06**
C930-05 Classification of Potential Health and Safety Concerns Associated With Thermal Insulation Materials and Accessories, **04.06**
C931/C931M Withdrawn 2005; Specification for Exterior Gypsum Soffit Board
C932-06 Specification for Surface-Applied Bonding Compounds for Exterior Plastering, **04.01**
C933-09 Specification for Welded Wire Lath, **04.01**
C934 Withdrawn 1995; Guide for Design and Quality Assurance Practices for Nuclear Fuel Rods
C935-80(2002) Specification for General Requirements for Prestressed Concrete Poles Statically Cast, **04.05**
C936/C936M-09 Specification for Solid Concrete Interlocking Paving Units, **04.05**
C937-02 Specification for Grout Fluidifier for Preplaced-Aggregate Concrete, **04.02**
C938-02 Practice for Proportioning Grout Mixtures for Preplaced-Aggregate Concrete, **04.02**
C939-02 Test Method for Flow of Grout for Preplaced-Aggregate Concrete (Flow Cone Method), **04.02**
C940-98a(2003) Test Method for Expansion and Bleeding of Freshly Mixed Grouts for Preplaced-Aggregate Concrete in the Laboratory, **04.02**
C941-02 Test Method for Water Retentivity of Grout Mixtures for Preplaced-Aggregate Concrete in the Laboratory, **04.02**
C942-99(2004) Test Method for Compressive Strength of Grouts for Preplaced-Aggregate Concrete in the Laboratory, **04.02**
C943-02 Practice for Making Test Cylinders and Prisms for Determining Strength and Density of Preplaced-Aggregate Concrete in the Laboratory, **04.02**
C944/C944M-99(2005)$^{\varepsilon 1}$ Test Method for Abrasion Resistance of Concrete or Mortar Surfaces by the Rotating-Cutter Method, **04.02**
C945-05 Practice for Design Considerations and Spray Application of a Rigid Cellular Polyurethane Insulation System on Outdoor Service Vessels, **04.06**
C946-10 Practice for Construction of Dry-Stacked, Surface-Bonded Walls, **04.05**
C947-03(2009) Test Method for Flexural Properties of Thin-Section Glass-Fiber-Reinforced Concrete (Using Simple Beam With Third-Point Loading), **04.05**
C948-81(2009) Test Method for Dry and Wet Bulk Density, Water Absorption, and Apparent Porosity of Thin Sections of Glass-Fiber Reinforced Concrete, **04.05**
C949-80(2007) Test Method for Porosity in Vitreous Whitewares by Dye Penetration, **15.02**
C950/C950M-08 Practice for Repair of a Rigid Cellular Polyurethane Insulation System on Outdoor Service Vessels, **04.06**
C951 Withdrawn 1986; Specification for Urea-Formaldehyde-Based, Foamed-in-Place Insulation
C952-02(2009) Test Method for Bond Strength of Mortar to Masonry Units, **04.05**
C953-06 Test Method for Time of Setting of Grouts for Preplaced-Aggregate Concrete in the Laboratory, **04.02**
C954-10 Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from 0.033 in. (0.84 mm) to 0.112 in. (2.84 mm) in Thickness, **04.01**
C955-09a Specification for Load-Bearing (Transverse and Axial) Steel Studs, Runners (Tracks), and Bracing or Bridging for Screw Application of Gypsum Panel Products and Metal Plaster Bases, **04.01**
C956-04 Specification for Installation of Cast-In-Place Reinforced Gypsum Concrete, **04.01**
C957-06 Specification for High-Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane With Integral Wearing Surface, **04.04**
C958-92(2007) Test Method for Particle Size Distribution of Alumina or Quartz by X-Ray Monitoring of Gravity Sedimentation, **15.02**
C959 Withdrawn 1996; Specification for Radiant Heat Fill
C960/C960M Withdrawn 2005; Specification for Predecorated Gypsum Board; Replaced by C1396
C961-06 Test Method for Lap Shear Strength of Sealants, **04.07**
C962 Withdrawn 1992; Guide for Use of Elastomeric Joint Sealants; Replaced by C1193
C963-00(2007) Specification for Packaging, Identification, Shipment, and Storage of Lock-Strip Gaskets, **04.07**
C964-07 Guide for Lock-Strip Gasket Glazing, **04.07**
C965-96(2007) Practice for Measuring Viscosity of Glass Above the Softening Point, **15.02**
C966-98(2008) Guide for Installing Asbestos-Cement Nonpressure Pipe, **04.05**
C967-08 Specification for Uranium Ore Concentrate, **12.01**
C968-06 Test Methods for Analysis of Sintered Gadolinium Oxide-Uranium Dioxide Pellets, **12.01**
C969-02(2009) Practice for Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines, **04.05**
C969M-02(2009) Practice for Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines (Metric), **04.05**
C970-87(2006) Practice for Sampling Special Nuclear Materials in Multi-Container Lots, **12.01**
C971 Withdrawn 1997; Guide for Selection and Application of Insulation Systems for Heating, Ventilating, and Air Conditioning Duct Work
C972-00(2006) Test Method for Compression-Recovery of Tape Sealant, **04.07**
C973-87(2009) Practice for Preparing Test Specimens From Basic Refractory Gunning Products by Pressing, **15.01**
C974-87(2009) Practice for Preparing Test Specimens from Basic Refractory Castable Products by Casting, **15.01**
C975-87(2009) Practice for Preparing Test Specimens from Basic Refractory

Ramming Products by Pressing, **15.01**

C976 Withdrawn 2002; Test Method for Thermal Performance of Building Assemblies by Means of a Calibrated Hot Box; Replaced by C1363

C977-03(2009) Specification for Quicklime and Hydrated Lime for Soil Stabilization, **04.01**

C978-04(2009) Test Method for Photoelastic Determination of Residual Stress in a Transparent Glass Matrix Using a Polarizing Microscope and Optical Retardation Compensation Procedures, **15.02**

C979-05 Specification for Pigments for Integrally Colored Concrete, **04.02**

C980-88(2007) Specification for Industrial Chimney Lining Brick, **04.05**

C981-05 Guide for Design of Built-Up Bituminous Membrane Waterproofing Systems for Building Decks, **04.04**

C982 Withdrawn 2008; Guide for Selecting Components for Energy-Dispersive X-Ray Fluorescence (XRF) Systems

C983 Withdrawn 1996; Test Methods for Chemical and Instrumental Analysis of Metallic Core Components in Liquid Metal Fast-Breeder Reactors (LMFBR)

C984 Withdrawn 1997; Specification for Perlite Board and Rigid Cellular Polyisocyanurate Composite Roof Insulation; Replaced by C1289

C985-04$^{\varepsilon 1}$ Specification for Nonreinforced Concrete Specified Strength Culvert, Storm Drain, and Sewer Pipe, **04.05**

C985M-04$^{\varepsilon 1}$ Specification for Nonreinforced Concrete Specified Strength Culvert, Storm Drain, and Sewer Pipe (Metric), **04.05**

C986 Withdrawn 2001; Guide for Developing Training Programs in the Nuclear Fuel Cycle

C987-00a(2005) Practice for Vapor Attack on Refractories for Furnace Superstructures, **15.01**

C988 Withdrawn 1991; Test Method for Adherence of Porcelain Enamel Cover Coats Direct-to-Steel

C989-09a Specification for Slag Cement for Use in Concrete and Mortars, **04.02**

C990-09 Specification for Joints for Concrete Pipe, Manholes, and Precast Box Sections Using Preformed Flexible Joint Sealants, **04.05**

C990M-09 Specification for Joints for Concrete Pipe, Manholes, and Precast Box Sections Using Preformed Flexible Joint Sealants (Metric), **04.05**

C991-08$^{\varepsilon 1}$ Specification for Flexible Fibrous Glass Insulation for Metal Buildings, **04.06**

C992-06 Specification for Boron-Based Neutron Absorbing Material Systems for Use in Nuclear Spent Fuel Storage Racks, **12.01**

C993-97(2003) Guide for In-Plant Performance Evaluation of Automatic Pedestrian SNM Monitors, **12.01**

C994 Withdrawn 1992; Practice for Ceramographic Preparation of PuO_2-UO_2 Mixed Oxide Fuel Pellets and Uranium Pellets

C995 Withdrawn 2008; Test Method for Time of Flow of Fiber-Reinforced Concrete Through Inverted Slump Cone

C996-04$^{\varepsilon 1}$ Specification for Uranium Hexafluoride Enriched to Less Than 5% ^{235}U, **12.01**

C997 Withdrawn 1998; Test Methods for Chemical and Instrumental Analysis of Nuclear-Grade Sodium and Cover Gas

C998-05 Practice for Sampling Surface Soil for Radionuclides, **12.01**

C999-05 Practice for Soil Sample Preparation for the Determination of Radionuclides, **12.01**

C1000-05 Test Method for Radiochemical Determination of Uranium Isotopes in Soil by Alpha Spectrometry, **12.01**

C1001-05 Test Method for Radiochemical Determination of Plutonium in Soil by Alpha Spectroscopy, **12.01**

C1002-07 Specification for Steel Self-Piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs, **04.01**

C1003 Withdrawn 1997; Test Method for Thermal Performance of Cooling-Air Duct Sections, Using A Calibrated Hot Box

C1004 Withdrawn 1999; Matrix for LWR Spent Fuel Receiving and Storage

C1005-05 Specification for Reference Masses and Devices for Determining Mass and Volume for Use in the Physical Testing of Hydraulic Cements, **04.01**

C1006-07 Test Method for Splitting Tensile Strength of Masonry Units, **04.05**

C1007-08a Specification for Installation of Load Bearing (Transverse and Axial) Steel Studs and Related Accessories, **04.01**

C1008-99(2008) Specification for Sintered (Uranium-Plutonium) Dioxide Pellets—Fast Reactor Fuel, **12.01**

C1009-06 Guide for Establishing a Quality Assurance Program for Analytical Chemistry Laboratories Within the Nuclear Industry, **12.01**

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C1011 Withdrawn 1996; Guide for Selection or Specification of Electrodeless Conductivity Instruments for the Nuclear Fuel Cycle

C1012/C1012M-09 Test Method for Length Change of Hydraulic-Cement Mortars Exposed to a Sulfate Solution, **04.01**

C1013 Withdrawn 1997; Specification for Faced Rigid Cellular Polyisocyanurate Roof Insulation; Replaced by C1289

C1014-08 Specification for Spray-Applied Mineral Fiber Thermal and Sound Absorbing Insulation, **04.06**

C1015-06 Practice for Installation of Cellulosic and Mineral Fiber Loose-Fill Thermal Insulation, **04.06**

C1016-02(2008) Test Method for Determination of Water Absorption of Sealant Backing (Joint Filler) Material, **04.07**

C1017/C1017M-07 Specification for Chemical Admixtures for Use in Producing Flowing Concrete, **04.02**

C1018 Withdrawn 2006; Test Method for Flexural Toughness and First-Crack Strength of Fiber-Reinforced Concrete (Using Beam With Third-Point Loading)

C1019-09 Test Method for Sampling and Testing Grout, **04.05**

C1020 Withdrawn 1999; Matrix for Light Water Reactor Fuel Reprocessing

C1021-08 Practice for Laboratories Engaged in Testing of Building Sealants, **04.07**

C1022-05 Test Methods for Chemical and Atomic Absorption Analysis of Uranium-Ore Concentrate, **12.01**

C1023-09 Practice for Labeling Ceramic Art Materials for Chronic Adverse Health Hazards, **15.02**

C1024 Not Assigned

C1025-91(2005) Test Method for Modulus of Rupture in Bending of Electrode Graphite, **05.05**

C1026-87(2002) Test Method for Measuring the Resistance of Ceramic Tile to Freeze-Thaw Cycling, **15.02**

C1027-09 Test Method for Determining Visible Abrasion Resistance of Glazed Ceramic Tile, **15.02**

C1028-07$^{\varepsilon 1}$ Test Method for Determining the Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull-Meter Method, **15.02**

C1029-10 Specification for Spray-Applied Rigid Cellular Polyurethane Thermal Insulation, **04.06**

C1030-03 Test Method for Determination of Plutonium Isotopic Composition by Gamma-Ray Spectrometry, **12.01**

C1031-05 Specification for Nuclear-Grade Aluminum Oxide Powder, **12.01**

C1032-06 Specification for Woven Wire Plaster Base, **04.01**

C1033 Withdrawn 2003; Test Method for Steady-State Heat Transfer Properties of Pipe Insulation Installed Vertically

C1034 Withdrawn 2001; Test Method for Lead and Cadmium Extracted from Glazed Ceramic Cookware

C1035 Withdrawn 2001; Specification for Lead and Cadmium Extracted from Glazed Ceramic Cookware

C1036-06 Specification for Flat Glass, **15.02**

C1037-08 Practice for Inspection of Underground Precast Concrete Utility Structures, **04.05**

C1038-04 Test Method for Expansion of Hydraulic Cement Mortar Bars Stored in Water, **04.01**

C1039-85(2005) Test Methods for Apparent Porosity, Apparent Specific Gravity, and Bulk Density of Graphite Electrodes, **05.05**

C1040/C1040M-08 Test Methods for In-Place Density of Unhardened and Hardened Concrete, Including Roller Compacted Concrete, By Nuclear Methods, **04.02**

C1041-85(2007) Practice for In-Situ Measurements of Heat Flux in Industrial Thermal Insulation Using Heat Flux Transducers, **04.06**

C1042 Withdrawn 2008; Test Method for Bond Strength of Latex Systems Used With Concrete By Slant Shear

C1043-06 Practice for Guarded-Hot-Plate Design Using Circular Line-Heat Sources, **04.06**

C1044-07 Practice for Using a Guarded-Hot-Plate Apparatus or Thin-Heater Apparatus in the Single-Sided Mode, **04.06**

C1045-07 Practice for Calculating Thermal Transmission Properties Under Steady-State Conditions, **04.06**

C1046-95(2007) Practice for In-Situ Measurement of Heat Flux and Temperature on Building Envelope Components, **04.06**

C1047-10 Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base, **04.01**

C1048-04 Specification for Heat-Treated Flat Glass—Kind HS, Kind FT Coated and Uncoated Glass, **15.02**

C1049 Withdrawn 2001; Practice for Installation of Granular Loose-Fill Thermal Insulation

C1050 Withdrawn 1999; Specification for Rigid Cellular Polystyrene-Cellulosic Fiber Composite Roof Insulation

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C1052-01(2007) Practice for Bulk Sampling of Liquid Uranium Hexafluoride, **12.01**

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C1082-98(2008) Specification for Asbestos-Cement Flat Sheet for Cooling Tower Fill, **04.05**
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C1085 Withdrawn 1998; Specification for Butyl Rubber-Based Solvent-Release Sealants; Replaced by C1311
C1086-09 Specification for Glass Fiber Mechanically Bonded Felt Thermal Insulation, **04.06**
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C1108-99(2006) Test Method for Plutonium by Controlled-Potential Coulometry, **12.01**
C1109-04 Practice for Analysis of Aqueous Leachates from Nuclear Waste Materials Using Inductively Coupled Plasma-Atomic Emission Spectroscopy, **12.01**
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C1117 Withdrawn 2003; Test Method for Time of Setting of Shotcrete Mixtures by Penetration Resistance
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C1138M-05 Test Method for Abrasion Resistance of Concrete (Underwater Method), **04.02**
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C1163-08 Practice for Mounting Actinides for Alpha Spectrometry Using Neodymium Fluoride, **12.01**
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C1171-05 Test Method for Quantitatively Measuring the Effect of Thermal Shock and Thermal Cycling on Refractories, **15.01**
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C1193-09 Guide for Use of Joint Sealants, **04.07**
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D. MISCELLANEOUS MATERIALS

D1 Withdrawn 1928; Specification for Raw Linseed Oil; Replaced by D234
D2 Withdrawn 1972; Method of Test for Abrasion of Rock by Use of the Deval Machine
D3 Withdrawn 1965; Method of Test for Toughness of Rock
D4-86(2004) Test Method for Bitumen Content, **04.04**
D5-06$^{\varepsilon 1}$ Test Method for Penetration of Bituminous Materials, **04.03**
D6-95(2006) Test Method for Loss on Heating of Oil and Asphaltic Compounds, **04.04**
D7 Withdrawn 1965; Test Method for Sieve Analysis of Fine and Aggregates; Replaced by C136
D8-02 Terminology Relating to Materials for Roads and Pavements, **04.03**
D9-09a$^{\varepsilon 1}$ Terminology Relating to Wood and Wood-Based Products, **04.10**
D10 Withdrawn 1928; Method of Test for Establishing Structural Grades of Timbers; Replaced by D245
D11 Withdrawn 1928; Specification for Boiled Linseed Oil; Replaced by D260
D12 Withdrawn 2007; Specification for Raw Tung Oil
D13 Withdrawn 2008; Specification for Spirits of Turpentine
D14 Withdrawn 1929; Specification for Jacketed Rubber-Lined Fire Hose for Public and Private Fire Department Use; Replaced by D296
D15 Withdrawn 1976; Method of Compound and Sample Preparation for Physical Testing of Rubber Products; Replaced by D3182, D3190, D3192
D16-08 Terminology for Paint, Related Coatings, Materials, and Applications, **06.01**
D17 Withdrawn 1942; Specification for Foundry Coke
D18 Withdrawn 1939; Test Method for Sieve Analysis of Fine and Coarse Aggregates; Replaced by C136
D19 Withdrawn 1939; Test Method for Sieve Analysis of Fine and Coarse Aggregate; Replaced by C136
D20-03(2009) Test Method for Distillation of Road Tars, **04.03**
D21 Withdrawn 1948; Method of Sampling Coal for Analysis; Replaced by D492
D22 Withdrawn 1928; Method of Laboratory Sampling and Analysis of Coal and Coke; Replaced by D3176, D3180
D23 Withdrawn 1927; Methods for Establishing Structural Grades of Lumber; Replaced by D245
D24 Withdrawn 1927; Methods for Establishing Structural Grades of Lumber; Replaced by D245
D25-99(2005) Specification for Round Timber Piles, **04.10**
D26 Withdrawn 1929; Specification for Woven Jacketed Rubber-Lined Fire Hose for Public and Private Fire Department Use; Replaced by D296
D27 Withdrawn 1961; Specification for Natural Rubber AO Insulation for Wire and Cable, 60°C Operation
D28 Withdrawn 1921; Specification for Paint Thinners Other Than Turpentine; Replaced by D86
D29 Withdrawn 2005; Test Methods for Sampling and Testing Lac Resins
D30 Withdrawn 1936; Test Method for Specific Gravity and Absorption of Coarse Aggregates; Replaced by C127
D31 Withdrawn 1918; Methods of Testing Woven Textiles Fabrics
D32 Withdrawn 1918; Methods of Testing Woven Textiles Fabrics
D33 Withdrawn 1918; Methods of Testing Woven Textiles Fabrics
D34-08 Guide for Chemical Analysis of White Pigments, **06.03**
D35 Withdrawn 1938; Specification for Certain Commercial Grades of Broken Stone
D36/D36M-09 Test Method for Softening Point of Bitumen (Ring-and-Ball Apparatus), **04.04**
D37 Withdrawn 1927; Methods of Laboratory Sampling and Analysis of Coal and Coke; Replaced by D271
D38 Withdrawn 2006; Test Methods for Sampling Wood Preservatives Prior to Testing
D39 Withdrawn 1962; Method of Test for Construction Characteristics of Woven Fabrics; Replaced by D1422, D1423, D1425, D1777, D2261, D2262
D40 Withdrawn 1938; Specification for Asphalt for Dampproofing and Waterproofing; Replaced by D449
D41-05 Specification for Asphalt Primer Used in Roofing, Dampproofing, and Waterproofing, **04.04**
D42 Withdrawn 1938; Specification for Coal-Tar Pitch for Foofing, Dampproofing and Waterproofing Level; Replaced by D450
D43-00(2006) Specification for Coal Tar Primer Used in Roofing, Dampproofing, and Waterproofing, **04.04**
D44 Withdrawn 1936; Specification for Wooden, Nailed and Lock-Corner Construction, for the Shipment of Canned Foods
D45 Withdrawn 1936; Specification for Canned Foods Boxes, Wirebound Construction
D46 Withdrawn 1934; Methods of Testing Rubber Hose; Replaced by D380
D47 Withdrawn 1928; Methods for Specific Gravity of Lubricants; Replaced by D88, D97, D189, D287
D48 Withdrawn 1943; Methods of Testing Molded Materials Used for Electrical Insulation
D49-83(2008)$^{\varepsilon 1}$ Test Methods of Chemical Analysis of Red Lead, **06.03**
D50-90(2005) Test Methods for Chemical Analysis of Yellow, Orange, Red, and Brown Pigments Containing Iron and Manganese, **06.03**
D51 Withdrawn 1927; Specification for raw linseed oil; Replaced by D234
D52 Withdrawn 1995; Specification for Wood Paving Blocks for Exposed Platforms, Pavements, Driveways, and Interior Floors Exposed to Wet and Dry Conditions
D53 Withdrawn 1929; Specification for Rubber Belting for Power Transmission
D54 Withdrawn 1934; Methods of Testing Rubber; Replaced by D380
D55 Withdrawn 1937; Test Method for Specific Gravity and Absorption of Fine Aggregate; Replaced by C128
D56-05 Test Method for Flash Point by Tag Closed Cup Tester, **05.01**
D57 Withdrawn 1963; Specification for Materials for Cement Grout Filler for Brick and Stone Block Pavements
D58 Withdrawn 1963; Specification for Materials for Sand-Cement and for Brick and Block Pavements
D59 Withdrawn 1963; Specification for Granite Block for Pavements
D60 Withdrawn 1934; Methods of Testing Rubber Hose; Replaced by D380
D61-75(2004) Test Method for Softening Point of Pitches (Cube-in-Water Method), **05.01**
D62 Withdrawn 1923; Specification for Workability of Concrete for Concrete Pavements; Replaced by C143
D63 Withdrawn 1938; Specification for Standard Sizes of Coarse Aggregate for Highway Construction; Replaced by D448
D64 Withdrawn 1938; Specification for Crushed Stone, Crushed Slag and Gravel for Water-Bound Macadam Base and Surface Coarse of Pavements; Replaced by D448
D65 Withdrawn 1938; Specification for Crushed Stone, Crushed Slag and Gravel for Water-Bound Macadam Base and Surface Coarse of Pavements; Replaced by D694
D66 Withdrawn 1939; Specification for Water-Bound Base, Shorel-Run or Crusher Run; Replaced by D694
D67 Withdrawn 1993; Specification for Pumice Pigment
D68 Withdrawn 1936; Specification for Wooden Boxes, Nailed and Lock-Corner Construction
D69-06 Test Methods for Friction Tapes, **10.01**
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D71-94(2009) Test Method for Relative Density of Solid Pitch and Asphalt (Displacement Method), **05.01**
D72 Withdrawn 1938; Method of Test for Amount of Material Finer than 200 Sieve in Aggregate; Replaced by C117
D73 Withdrawn 1930; Method of Test for Quantity of Clay in Sand-Clay, Topsoil and Semi-Gravel for Highway Construction
D74 Withdrawn 1923; Method of Test for Amount of Material Finer than 200 Sieve in Aggregate; Replaced by C117
D75/D75M-09 Practice for Sampling Aggregates, **04.03**
D76-99(2005) Specification for Tensile Testing Machines for Textiles, **07.01**
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D78 Withdrawn 1928; Specification for Boiled linseed oil; Replaced by D260
D79-86(2009) Specification for Zinc Oxide Pigments, **06.03**
D80 Withdrawn 1982; Specification for Leaded Zinc Oxide
D81-87(2008)$^{\varepsilon 1}$ Specification for Basic Carbonate White Lead Pigment, **06.03**
D82 Withdrawn 1982; Specification for Basic Sulfate White Lead
D83-84(2008)$^{\varepsilon 1}$ Specification for Red Lead Pigment, **06.03**
D84 Withdrawn 1979; Specification for Red and Brown Iron Oxide Pigments; Replaced by D3721, D3722, D3724
D85-05 Specification for Ochre Pigment, **06.03**
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D88-07 Test Method for Saybolt Viscosity, **04.04**
D89 Withdrawn 1923; Method of Test for Copper Corrosion by Copper Strip Test; Replaced by C130
D90 Withdrawn 1958; Method of Test for Sulfur in Petroleum Produced by the Gravmetric Method; Replaced by C1266
D91-02(2007)$^{\varepsilon 1}$ Test Method for Precipitation Number of Lubricating Oils, **05.01**
D92-05a Test Method for Flash and Fire Points by Cleveland Open Cup Tester, **05.01**
D93-08 Test Methods for Flash Point by Pensky-Martens Closed Cup Tester, **05.01**
D94-07 Test Methods for Saponification Number of Petroleum Products, **05.01**
D95-05$^{\varepsilon 1}$ Test Method for Water in Petroleum Products and Bituminous Materials by Distillation, **05.01**
D96 Withdrawn 2000; Test Methods for Water and Sediment in Crude Oil by Centrifuge Method (Field Procedure)
D97-09 Test Method for Pour Point of Petroleum Products, **05.01**
D98-05 Specification for Calcium Chloride, **04.03**
D99 Withdrawn 1940; Specification for Asphalt Cement, 40 to 50 Penetration, for Use in Sheet Asphalt and Asphaltic-Concrete Pavements and As Filler for Brick and Block Pavements
D100 Withdrawn 1940; Specification for Asphalt Cement, 50 to 60 Penetration, for Use in Sheet Asphalt and Asphaltic-Concrete Pavements and As Filler for Block Pavements
D101 Withdrawn 1940; Specification for Asphalt Cement, 60 to 70 Penetration, for Use in Sheet Asphalt, Asphaltic-Concrete, and Asphalt-Macadam Pavements and As Filler for Block Pavements
D102 Withdrawn 1940; Specification for Asphalt Cement, 85 to 100 Penetration, for Use in Asphalt-Macadam Pavements
D103 Withdrawn 1940; Specification for Asphalt Cement, 100 to 120 Penetration, for Use in Asphalt-Macadam Pavements
D104 Withdrawn 1939; Specification for High Carbon Tar for Surface Treatment, Cold Application; Replaced by D490
D105 Withdrawn 1939; Specification for Low-Carbon Tar for Surface Treatment, Cold Application; Replaced by D490

D106 Withdrawn 1939; Specification for High Carbon Tar Cement for Use Cold in Repair Work (Cut-Back Product); Replaced by D490
D107 Withdrawn 1939; Specification for Low Carbon Tar Cement, for Use Cold in Repair Work (Cut-Back Product); Replaced by D490
D108 Withdrawn 1939; Specification for High Carbon Tar for Surface Treatment, Hot Application; Replaced by D490
D109 Withdrawn 1939; Specification for Low Carbon Tar for Surface Treatment, Hot Application; Replaced by D490
D110 Withdrawn 1939; Specification for High Carbon Tar Cement; Replaced by D490
D111 Withdrawn 1939; Specification for Low Carbon Tar Cement; Replaced by D490
D112 Withdrawn 1963; Specification for Coal-Tar Pitch for Stone Block Filler
D113-07 Test Method for Ductility of Bituminous Materials, **04.03**
D114 Withdrawn 1924; Method of Test for Water in Petroleum Products and Other Bituminous Materials; Replaced by D95
D115-07 Test Methods for Testing Solvent Containing Varnishes Used for Electrical Insulation, **10.01**
D116-86(2006) Test Methods for Vitrified Ceramic Materials for Electrical Applications, **15.02**
D117-02 Guide for Sampling, Test Methods, and Specifications for Electrical Insulating Oils of Petroleum Origin, **10.03**
D118 Withdrawn 1963; Specification for 4-One, and Similar Type Boxes
D119 Withdrawn 1986; Specification for Low-Voltage Rubber Insulating Tape
D120-09 Specification for Rubber Insulating Gloves, **10.03**
D121-09a Terminology of Coal and Coke, **05.06**
D122 Withdrawn 1993; Tolerances for Tire Fabrics Other Than Tire Cord Fabrics
D123-09$^{\varepsilon 1}$ Terminology Relating to Textiles, **07.01**
D124 Withdrawn 2007; Specification for Degummed Soybean Oil
D125 Withdrawn 1955; Specification for Perilla Oil, Raw or Refined
D126-87(2006) Test Methods for Analysis of Yellow, Orange, and Green Pigments Containing Lead Chromate and Chromium Oxide Green, **06.03**
D127-08 Test Method for Drop Melting Point of Petroleum Wax, Including Petrolatum, **05.01**
D128-98(2008) Test Methods for Analysis of Lubricating Grease, **05.01**
D129-00(2005) Test Method for Sulfur in Petroleum Products (General Bomb Method), **05.01**
D130-04$^{\varepsilon 1}$ Test Method for Corrosiveness to Copper from Petroleum Products by Copper Strip Test, **05.01**
D131 Withdrawn 1963; Specification for Recent Granite Block for Pavements
D132 Withdrawn 1963; Specification for Granite Block for Purax Pavements
D133 Withdrawn 1940; Specification for Asphalt Cement, 10 to 15 Penetration, for the Manufacture of Asphalt Block
D134 Withdrawn 1940; Specification for Asphalt Cement, 15 to 25 Penetration, for the Manufacture of Asphalt Block
D135 Withdrawn 1940; Specification for Asphalt Cement, 120 to 150 Penetration, for Use in Asphalt-Macadam Pavements
D136 Withdrawn 1938; Method of Test for Amount of Material Finer than 200 Sieve in Aggregates; Replaced by C117
D137 Withdrawn 1927; Method of Mechanical Analysis of Subgrade Soils
D138 Redesignated C143
D139-07 Test Method for Float Test for Bituminous Materials, **04.03**
D140/D140M-09 Practice for Sampling Bituminous Materials, **04.03**
D141 Withdrawn 1973; Method of Drop Shatter Test for Coke; Replaced by D3038
D142 Withdrawn 1941; Definition of Terms Relating to Coal and Coke; Replaced by D1212
D143-09 Test Methods for Small Clear Specimens of Timber, **04.10**
D144 Withdrawn 1938; Specification for Asphalt for Dampproofing and Waterproofing; Replaced by D449
D145 Withdrawn 1938; Specification for Coal-Tar Pitch for Roofing, Damp-proofing and Waterproofing; Replaced by D449
D146-04 Test Methods for Sampling and Testing Bitumen-Saturated Felts and Woven Fabrics for Roofing and Waterproofing, **04.04**
D147 Withdrawn 1985; Methods of Testing Bituminous Mastics
D148 Withdrawn 1924; Methods of Sampling Bituminous Materials Shipped in Barrels or Drums; Combined with D 449
D149-09 Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials at Commercial Power Frequencies, **10.01**
D150-98(2004) Test Methods for AC Loss Characteristics and Permittivity (Dielectric Constant) of Solid Electrical Insulation, **10.01**
D151 Withdrawn 1940; Specification for Rubber Pump Valves
D152 Withdrawn 1931; Methods of Testing Cotton Fibers
D153-84(2008) Test Methods for Specific Gravity of Pigments, **06.03**
D154-85(2001) Guide for Testing Varnishes, **06.03**
D155 Withdrawn 1960; Method of Test for Color of Lubricating Oil and Petrolatum by Means of ASTM Union Colorimeter; Replaced by D1500
D156-07a Test Method for Saybolt Color of Petroleum Products (Saybolt Chromometer Method), **05.01**
D157 Withdrawn 1957; Method of Test for Steam Emulsion of Lubricating Oils; Replaced by D1401
D158 Withdrawn 1963; Method of Test for Distillation of Gas Oil and Similar Distillate Fuel Oils; Replaced by D86
D159 Withdrawn 1939; Specification for Crushed Stone and Crushed Slag for Bituminous Macadam Base and Surface Courses of Pavements; Replaced by D693
D160 Withdrawn 1939; Specification for Crushed Stone, Crushed Slag, and Gravel for Bituminous Concrete Base and Surface Courses of Pavements Replaced by D692
D161 Withdrawn 1939; Specification for Crushed Stone, Crushed Slag, and Gravel for Bituminous Concrete Base and Surface Courses of Pavements Replaced by D692
D162 Withdrawn 1950; Specification for Fine Aggregate for Sheet Asphalt and Bituminous Concrete Pavements; Replaced by D1073
D163 Withdrawn 1940; Specification for Asphalt Cement, 25 to 30 Penetration for Use in Sheet Asphalt and Asphaltic-Concrete Pavements
D164 Withdrawn 1940; Specification for Asphalt Cement, 30 to 40 Penetration for Use in Sheet Asphalt and Asphaltic-Concrete Pavements
D165 Withdrawn 1967; Method of Test for Proportion of Bitumen Soluble in Carbon Tetrachloride; Replaced by D2042
D166 Withdrawn 1963; Specification for Gas and Coking Coals
D167-93(2004)$^{\varepsilon 1}$ Test Method for Apparent and True Specific Gravity and Porosity of Lump Coke, **05.06**
D168 Withdrawn 2006; Test Method for Coke Residue of Creosote
D169 Withdrawn 1963; Specification for Asphalt Mastic for Use in Waterproofing (Asphalt Cement, Mineral Filler, Mineral Aggregate); Replaced by D491
D170 Withdrawn 1977; Specification for Bituminous Grout for Use in Waterproofing Above Ground Level
D171 Withdrawn 1977; Specification for Bituminous Grout for Use in Waterproofing Below Ground Level
D172 Withdrawn 1926; Specification for Coal-Tar Saturated Roofing Melt for Use in Waterproofing and in Constructing Built Up Roofs; Replaced by D226, D227
D173-03 Specification for Bitumen-Saturated Cotton Fabrics Used in Roofing and Waterproofing, **04.04**
D174 Withdrawn 1939; Specification for Burlap Saturated with Bituminous Substances for Use in Waterproofing
D175 Withdrawn 1929; Methods of Testing Electrical Insulating Materials for Voltage Effects at Radio Frequencies
D176-07 Test Methods for Solid Filling and Treating Compounds Used for Electrical Insulation, **10.01**
D177 Withdrawn 1934; Methods of Testing Rubber Hose; Replaced by D380
D178-01(2005) Specification for Rubber Insulating Matting, **10.03**
D179 Withdrawn 1975; Methods of Testing Cotton Tire Cords and Cord Fabrics Made from Cotton
D180 Withdrawn 1968; Methods of Testing Tolerances for Cotton Yarns; Replaced by D2645
D181 Withdrawn 1976; Specification for Tolerances for Cotton Fabrics for Manufacture of Hose and Belts
D182 Withdrawn 1940; Specification for ASTM Thermometer; Replaced by E1
D183 Withdrawn 1940; Specification for ASTM Thermometer; Replaced by E1
D184 Withdrawn 1940; Specification for ASTM Thermometer; Replaced by E1
D185-07 Test Methods for Coarse Particles in Pigments, **06.03**
D186 Withdrawn 1940; Methods of Chemical Analysis of White Pigments; Combined with D 34
D187-08 Test Method for Burning Quality of Kerosine, **05.01**
D188 Withdrawn 1943; Methods of Test for Neutralization of Acid And Base Members by Potentiometric Titration; Replaced by D664, D974
D189-06$^{\varepsilon 2}$ Test Method for Conradson Carbon Residue of Petroleum Products, **05.01**
D190 Withdrawn 1939; Specification for Crushed Stone, Crushed Slag, and Gravel for Water-Bound Macadam Base and Surface Courses of Pavements; Replaced by D693
D191 Withdrawn 1939; Specification for Crushed Stone, Crushed Slag, and Gravel for Waterbound Macadam Base and Surface Courses of Pavements; Replaced by D693
D192 Withdrawn 1943; Specification for Crushed Stone and Crushed Slag for Bituminous Macadam Base and Surface Courses of Pavements; Replaced by D693
D193 Withdrawn 1939; Specification for Broken and Crushed Slag Stone for Bituminous Macadam Base and Surface Courses of Pavements; Replaced by D693
D194 Withdrawn 1939; Specification for Crushed Stone and Crushed Slag for Bituminous Macadam Base and Surface Courses of Pavements; Replaced by D693
D195 Withdrawn 1939; Specification for Crushed Stone and Crushed Slag for Bituminous Macadam Base and Surface Courses of Pavements; Replaced by D693
D196 Withdrawn 1939; Specification for Crushed Stone, Crushed Slag, and Gravel for Bituminous Concrete Base and Surface Courses of Pavements Replaced by D692
D197-87(2007) Test Method for Sampling and Fineness Test of Pulverized Coal, **05.06**
D198-09 Test Methods of Static Tests of Lumber in Structural Sizes, **04.10**
D199 Withdrawn 1962; Methods for Chemical Analysis of Zinc Chloride
D200 Withdrawn 1938; Specification for Coal-Tar Pitch for Roofing Damp-proofing and Waterproofing; Replaced by D450
D201 Withdrawn 1938; Specification for Coal-Tar Pitch for Roofing Damp-proofing and Waterproofing; Replaced by D450
D202-08 Test Methods for Sampling and Testing Untreated Paper Used for Electrical Insulation, **10.01**
D203 Withdrawn 1937; Methods of Testing Tolerances for Cotton Yarns
D204-02(2010)$^{\varepsilon 1}$ Test Methods for Sewing Threads, **07.01**
D205 Withdrawn 1955; Specification for Osnaburg Cement Sacks
D206 Withdrawn 1953; Abridged Volume Correction Table for Petroleum Oils; Replaced by D1250

D207 Withdrawn 2000; Specification for Dry Bleached Lac
D208 Withdrawn 1940; Specification for Zinc Sulfide Pigments
D209-81(2007) Specification for Lampblack Pigment, **06.03**
D210-05 Specification for Bone Black Pigment, **06.03**
D211-67(2006) Specification for Chrome Yellows and Chrome Orange Pigments, **06.03**
D212 Withdrawn 1994; Specification for Chrome Green Pigment
D213 Withdrawn 1940; Specification for Reduced Chrome Green
D214 Withdrawn 1929; Methods of Testing Shellac; Replaced by D29
D215 Withdrawn 2005; Practice for the Chemical Analysis of White Linseed Oil Paints
D216 Withdrawn 1988; Method for Distillation of Natural Gasoline; Replaced by D86
D217-02(2007) Test Methods for Cone Penetration of Lubricating Grease, **05.01**
D218 Withdrawn 1940; Methods of Test for Color of Lubricating Oil and Petroleum by Means of ASTM Union Colorimeter
D219 Withdrawn 1979; Method of Test for Burning Quality of Long-Time Burning Oil for Railway Use
D220 Withdrawn 1940; Method of Test for Moisture Equivalent of Soils
D221 Redesignated C121
D222 Redesignated C120
D223 Withdrawn 1940; Specification for Asphalt Mastic for Use in Waterproofing (Asphalt Cement, Mineral Filler, Mineral Aggregate)
D224 Withdrawn 2002; Specification for Smooth-Surfaced Asphalt Roll Roofing (Organic Felt); Replaced by D6380
D225-07 Specification for Asphalt Shingles (Organic Felt) Surfaced With Mineral Granules, **04.04**
D226/D226M-09 Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing, **04.04**
D227-03 Specification for Coal-Tar-Saturated Organic Felt Used in Roofing and Waterproofing, **04.04**
D228/D228M-09 Test Methods for Sampling, Testing, and Analysis of Asphalt Roll Roofing, Cap Sheets, and Shingles Used in Roofing and Waterproofing, **04.04**
D229-09b Test Methods for Rigid Sheet and Plate Materials Used for Electrical Insulation, **10.01**
D230 Withdrawn 1976; Specification for Numbered Cotton Duck and Army Duck
D231 Withdrawn 1981; Methods of Testing Tolerances for Knit Goods; Replaced by D3887
D232 Withdrawn 1943; Method of Test for Estimating Hard Scoured Wool in Wool in the Grease (Mill Scale Operations)
D233-08 Test Methods of Sampling and Testing Turpentine, **06.03**
D234 Withdrawn 2007; Specification for Raw Linseed Oil
D235-02(2007) Specification for Mineral Spirits (Petroleum Spirits) (Hydrocarbon Dry Cleaning Solvent), **06.04**
D236 Withdrawn 1934; Specification for Spirits of Distilled Wood Turpentine; Replaced by D13
D237 Withdrawn 2006; Specification for Orange Shellac and Other Lacs
D238 Withdrawn 1928; Method of Test for Specific Gravity of Pigments; Combined with D 153
D239 Withdrawn 1963; Method of Test for Burning Quality of Mineral Seal Oil
D240-09 Test Method for Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter, **05.01**
D241 Withdrawn 1977; Specification for Asphalt Filler for Brick Pavements
D242/D242M-09 Specification for Mineral Filler For Bituminous Paving Mixtures, **04.03**
D243-08 Test Method for Residue of Specified Penetration, **04.03**
D244-09 Test Methods and Practices for Emulsified Asphalts, **04.03**
D245-06 Practice for Establishing Structural Grades and Related Allowable Properties for Visually Graded Lumber, **04.10**
D246 Withdrawn 2006; Test Method for Distillation of Creosote and Creosote-Coal Tar Solutions
D247 Redesignated C119
D248 Withdrawn 1943; Specification for Asphalt Roofing Surfaced with Fine Mineral Granules
D249 Withdrawn 2002; Specification for Asphalt Roll Roofing (Organic Felt) Surfaced with Mineral Granules; Replaced by D6380
D250 Withdrawn 1991; Specification for Asphalt-Saturated Asbestos Felt Used in Roofing and Waterproofing
D251 Withdrawn 1938; Specification for Coal-Tar Pitch for Roofing, Dampproofing, and Waterproofing; Replaced by D450
D252 Withdrawn 1938; Specification for Coal-Tar Pitch for Roofing, Dampproofing, and Waterproofing; Replaced by D450
D253 Withdrawn 1928; Specification for Light-Body Coal-Tar or Water-Gas-Tar Protective Coating with Solvent Vehicle, for Cold Application, for Damp-proofing Masonry Structures
D254 Withdrawn 1928; Specification for Heavy-Body Coal-Tar or Water-Gas-Tar Protective Coating with Solvent Vehicle, for Cold Application, for Dampproofing Masonry Structures
D255 Withdrawn 2000; Method for Steam Distillation of Bituminous Protective Coatings
D256-06a$^{\varepsilon 1}$ Test Methods for Determining the Izod Pendulum Impact Resistance of Plastics, **08.01**
D257-07 Test Methods for DC Resistance or Conductance of Insulating Materials, **10.01**
D258 Withdrawn 1956; Methods of Testing Spun and Filament Yarns Made Wholly or in Part of Man-Made Organic Base Fiber
D259 Withdrawn 1989; Specification for Woven Tapes
D260 Withdrawn 2007; Specification for Linseed Oil
D261 Withdrawn 2006; Specification for Iron Blue Pigment
D262 Withdrawn 2006; Specification for Ultramarine Blue Pigment
D263-05 Specification for Chrome Oxide Green Pigment, **06.03**
D264 Withdrawn 1949; Specification for Pure Para Red Toner; Replaced by D475
D265 Withdrawn 1935; Specification for Titanium Barium Pigment; Replaced by D476
D266 Withdrawn 1949; Specification for Aluminum Pigments Powder and Paste for Paints; Replaced by D962
D267-82(2008)$^{\varepsilon 1}$ Specification for Gold Bronze Powder, **06.03**
D268-01(2007) Guide for Sampling and Testing Volatile Solvents and Chemical Intermediates for Use in Paint and Related Coatings and Material, **06.04**
D269-97(2006) Test Method for Insoluble Matter in Rosin and Rosin Derivatives, **06.03**
D270 Withdrawn 1984; Methods of Sampling Petroleum and Petroleum Products; Replaced by D4057, D4177
D271 Withdrawn 1974; Methods of Laboratory Sampling and Analysis of Coal and Coke; Replaced by D3176, D3180
D272 Withdrawn 1941; Methods of Analysis of Roofing Felt for Fiber Composition
D273 Withdrawn 1973; Methods of Test for Conducting Paths in Electrical Slate
D274 Withdrawn 1967; Tolerances for Certain Light and Medium Weight Cotton Fabrics
D275 Withdrawn 1942; Methods of Test for Cuban (Jute) Raw Sugar Bags
D276-00a(2008) Test Methods for Identification of Fibers in Textiles, **07.01**
D277 Withdrawn 1948; Specification for Mercuric Oxide for Use in Anti-Fouling [aints (Dry Cuprous Oxide, Dry Mercuric Oxide); Replaced by D911, D912
D278 Withdrawn 1953; Method of Test for Common Properties of Certain Pigments; Replaced by D1208
D279-02(2007) Test Methods for Bleeding of Pigments, **06.03**
D280-01(2007) Test Methods for Hygroscopic Moisture (and Other Matter Volatile Under the Test Conditions) in Pigments, **06.03**
D281-95(2007) Test Method for Oil Absorption of Pigments by Spatula Rub-out, **06.01**
D282 Withdrawn 1930; Methods of Test for Mass Color and Tinting Strength of Pigments
D283 Withdrawn 2008; Test Methods for Chemical Analysis of Cuprous Oxide and Copper Pigments
D284 Withdrawn 2003; Test Methods for Chemical Analysis of Mercuric Oxide Pigment
D285 Withdrawn 1986; Method of Test for Distillation of Crude Petroleum
D286 Withdrawn 1967; Method of Test for Autogenous Ignition Temperatures of Petroleum Products
D287-92(2006) Test Method for API Gravity of Crude Petroleum and Petroleum Products (Hydrometer Method), **05.01**
D288 Withdrawn 1981; Definition of Terms Relating to Petroleum
D289 Withdrawn 1972; Method of Test for Abrasion of Graded Coarse Aggregates by Use of the Deval Machine; Replaced by C131, C535
D290 Withdrawn 2000; Practice for Bituminous Mixing Plant Inspection
D291-07 Test Method for Cubic Foot Weight of Crushed Bituminous Coal, **05.06**
D292 Withdrawn 1986; Method of Test for Cubic Foot Weight of Coke
D293-93(2010) Test Method for the Sieve Analysis of Coke, **05.06**
D294 Withdrawn 1976; Method of Test for Tumbler Test for Coke; Replaced by D3402
D295 Withdrawn 2009; Test Methods for Varnished Cotton Fabrics Used for Electrical Insulation
D296 Withdrawn 1984; Specification for Rubber-Lined Fire Hose with Woven Jacket
D297-93(2006) Test Methods for Rubber Products—Chemical Analysis, **09.01**
D298 Withdrawn 1938; Specification for 23/5/3 Carded American Tire Cord
D299/D299M-04(2009)$^{\varepsilon 1}$ Specification for Asbestos Yarns, **04.05**
D300 Withdrawn 1940; Specification for ASTM Thermometers; Replaced by E1
D301-95(2004) Test Methods for Soluble Cellulose Nitrate, **06.03**
D302 Withdrawn 1987; Specification for Ethyl Acetate (85 to 88% Grade); Replaced by D4614
D303 Withdrawn 1987; Specification for n-Butyl Acetate (90 to 92% Grade); Replaced by D4615
D304-05 Specification for n-Butyl Alcohol (Butanol), **06.04**
D305-84(2008) Test Method for Solvent-Extractable Material in Black Pigments, **06.03**
D306 Withdrawn 1939; Method of Sampling and Testing Aluminum Powder and Paste; Replaced by D480
D307 Withdrawn 1968; Method of Test for Spectral Characteristics and Color of Objects and Materials; Replaced by E308
D308 Withdrawn 1940; Method of Test for Oil Content of Petroleum Waxes; Replaced by D721
D309 Withdrawn 1943; Specification for Crushed Stone, Crushed Slag, and Gravel for Bituminous Concrete Base and Surface Courses of Pavements; Replaced by D692
D310 Withdrawn 1988; Test Method for Size of Anthracite; Replaced by D4749
D311 Withdrawn 1988; Method for Sieve Analysis of Crushed Bituminous Coal; Replaced by D4749
D312-00(2006) Specification for Asphalt Used in Roofing, **04.04**

D313 Withdrawn 1982; Method of Test for Coarse Particles in Mixtures of Asphalt and Mineral Matter
D314 Withdrawn 1970; Method of Test for Hardness of Rubber; Replaced by D1415
D315/D315M-95(2009)$^{\varepsilon 1}$ Specification for Woven Asbestos Tape, **04.05**
D316 Withdrawn 1938; Methods of Test for Chafer Tire Fabrics Other Than Cord Fabrics
D317 Withdrawn 1956; Specification for Oil Putty for Glazing
D318 Withdrawn 1976; Specification for Amyl Acetate (Synthetic) (85 to 88% grade)
D319-04 Specification for Amyl Alcohol (Synthetic), **06.04**
D320 Withdrawn 1953; Specification for Butyl Propionate (90 to 93% grade)
D321 Withdrawn 1953; Specification for Ethyl Lactate (Synthetic)
D322-97(2007) Test Method for Gasoline Diluent in Used Gasoline Engine Oils by Distillation, **05.01**
D323-08 Test Method for Vapor Pressure of Petroleum Products (Reid Method), **05.01**
D324 Withdrawn 1964; Definitions of Terms Relating to Timber Preservatives
D325 Withdrawn 1945; Method of Test for Comparing Thermal Conductivities of Solid Electrical Insulating Materials
D326 Withdrawn 1935; Method of Compression Testing of Natural Building Stone
D327 Redesignated C99
D328 Redesignated C97
D329-07$^{\varepsilon 1}$ Specification for Acetone, **06.04**
D330-07 Specification for 2-Butoxyethanol, **06.04**
D331-05 Specification for 2-Ethoxyethanol, **06.04**
D332-87(2004) Test Method for Relative Tinting Strength of White Pigments by Visual Observation, **06.01**
D333-01(2007) Guide for Clear SUE and Pigmented Lacquers, **06.02**
D334 Withdrawn 1967; Methods of Test for Cotton Goods for Rubber and Pyroxylin Coating
D335 Withdrawn 1989; Specification for Cotton Tapes Woven for Electrical Purposes
D336 Withdrawn 1938; Methods of Test for Tire Fabrics Other Than Cord Fabrics
D337 Redesignated E337
D338 Withdrawn 1935; Method of Test for Modulus of Elasticity of Natural Building Stone
D339 Withdrawn 1935; Method of Shear Testing of Natural Building Stone
D340 Withdrawn 1935; Definitions of Terms Relating to Natural Building Stone
D341-09 Practice for Viscosity-Temperature Charts for Liquid Petroleum Products, **05.01**
D342 Withdrawn 1936; Specification for Acetate Ester of Ethylene Glycol Monoethyl Ether (90 to 91% Grade)
D343 Withdrawn 1982; Specification for 2-Ethoxyethyl Acetate (95% Grade)
D344-97(2004) Test Method for Relative Hiding Power of Paints by the Visual Evaluation of Brushouts, **06.01**
D345-02 Test Method for Sampling and Testing Calcium Chloride for Roads and Structural Applications, **04.03**
D346-04(2010) Practice for Collection and Preparation of Coke Samples for Laboratory Analysis, **05.06**
D347 Withdrawn 2006; Tables for Volume and Specific Gravity Correction for Creosote, Creosote-Coal Tar Solutions, and Coal Tar
D348-07 Test Methods for Rigid Tubes Used for Electrical Insulation, **10.01**
D349-07 Test Methods for Laminated Round Rods Used for Electrical Insulation, **10.01**
D350-09 Test Methods for Flexible Treated Sleeving Used for Electrical Insulation, **10.01**
D351-97(2008)$^{\varepsilon 1}$ Classification for Natural Muscovite Block Mica and Thins Based on Visual Quality, **10.01**
D352-97(2008)$^{\varepsilon 1}$ Test Methods for Pasted Mica Used in Electrical Insulation, **10.01**
D353 Withdrawn 1995; Specification for Natural Rubber Insulation for Wire and Cable, 60°C Operation
D354 Withdrawn 1967; Methods of Testing Tolerances for Tubular Sleeving and Braids
D355 Withdrawn 1936; Method of Sampling Natural Building Stone and Sample for Testing
D356 Withdrawn 1935; Method of Tension Testing of Natural Building Stone and Sample for Testing
D357 Withdrawn 1970; Method of Test for Knock Characteristics of Motor Fuels Below 100 Octane Number by the Motor Method; Replaced by D2700
D358-98(2006) Specification for Wood to Be Used as Panels in Weathering Tests of Coatings, **06.02**
D359 Withdrawn 1940; Specification for Shellac Varnish; Replaced by D360
D360-89(2001) Specification for Shellac Varnishes, **06.03**
D361 Withdrawn 1968; Specification for Industrial 90 Benzene
D362 Withdrawn 1991; Specification for Industrial Grade Toluene
D363 Withdrawn 2005; Specification for Tricresyl Phosphate
D364 Withdrawn 1982; Specification for Industrial Grade Xylene
D365-01(2005) Guide for Soluble Nitrocellulose Base Solutions, **06.02**
D366 Withdrawn 1938; Specification for Concrete for Pavements
D367 Withdrawn 2006; Test Method for Xylene-Insoluble Matter in Creosote
D368 Withdrawn 2006; Test Method for Specific Gravity of Creosote and Oil-Type Preservatives
D369 Withdrawn 2006; Test Method for Specific Gravity of Creosote Fractions and Residues
D370 Withdrawn 2006; Practice for Dehydration of Oil-Type Preservatives
D371 Withdrawn 2002; Specification for Asphalt Roll Roofing (Organic Felt) Surfaced with Mineral Granules; Wide Selvage; Replaced by D6380
D372-00(2006) Specification for Flexible Treated Sleeving Used for Electrical Insulation, **10.01**
D373 Withdrawn 1994; Specification for Black and Yellow Straight-Cut and Bias-Cut Varnished Cotton Cloth and Tape for Electrical Insulation
D374-99(2004) Test Methods for Thickness of Solid Electrical Insulation, **10.01**
D374M-99(2005) Test Methods for Thickness of Solid Electrical Insulation (Metric), **10.01**
D375/D375M-95(2009)$^{\varepsilon 1}$ Specification for Asbestos Roving, **04.05**
D376 Withdrawn 1976; Methods of Test for Holland Cloth
D377 Withdrawn 1976; Methods of Test for Small Amounts of Copper and Manganese in Textiles
D378-00(2008) Test Methods for Rubber (Elastomeric) Belting, Flat Type, **09.02**
D379 Withdrawn 1938; Methods of Test for Rubber Hose; Replaced by D380
D380-94(2006) Test Methods for Rubber Hose, **09.02**
D381-09 Test Method for Gum Content in Fuels by Jet Evaporation, **05.01**
D382 Withdrawn 1940; Specification for Titanium Barium Pigment; Replaced by D476
D383 Withdrawn 1940; Specification for Titanium Calcium Pigment; Replaced by D476
D384 Withdrawn 1939; Specification for Titanium Dioxide; Replaced by D476
D385 Withdrawn 1940; Specification for Zinc Sulfate Pigment; Replaced by D477
D386 Withdrawn 1940; Specification for Zinc Oxide; Replaced by D477
D387-00(2008) Test Method for Color and Strength of Chromatic Pigments with a Mechanical Muller, **06.01**
D388-05 Classification of Coals by Rank, **05.06**
D389 Withdrawn 1963; Specification for Classification of Coals by Grade
D390 Withdrawn 2006; Specification for Coal-Tar Creosote for the Preservative Treatment of Piles, Poles, and Timbers of Marine, Land, and Fresh Water Use
D391 Withdrawn 2006; Specification for Creosote-Coal Tar Solution
D392 Withdrawn 1963; Methods of Testing Molding Powders Used in Manufacturing Molded Electrical Insulators
D393 Withdrawn 1938; Specification for Insulated Wire and Cable: Class A, 30% Heavy Rubber Compound
D394 Withdrawn 1970; Method of Test for Abrasion Resistance of Rubber Compounds
D395-03(2008) Test Methods for Rubber Property—Compression Set, **09.01**
D396-09a Specification for Fuel Oils, **05.01**
D397 Withdrawn 1951; Specification for Emulsified Asphalt; Replaced by D977
D398 Withdrawn 1950; Specification for Emulsified Asphalt; Replaced by D977
D399 Withdrawn 1950; Specification for Emulsified Asphalt; Replaced by D977
D400 Withdrawn 1937; Specification for Emulsified Asphalt (Heavy Premix-Winter Grade)
D401 Withdrawn 1949; Specification for Emulsified Asphalt; Replaced by D977
D402-08 Test Method for Distillation of Cutback Asphaltic (Bituminous) Products, **04.03**
D403 Withdrawn 1953; Methods of Testing and Tolerances for Yarns Containing Wool; Replaced by D1285
D404 Withdrawn 1953; Methods of Testing and Tolerances for Yarns Containing Wool; Replaced by D1285
D405 Withdrawn 1982; Specification for Blue Lead; Basic Sulfate
D406 Withdrawn 1961; Method of Test for Relative Dry Hiding Power of White Pigments in Linseed Oil Vehicle
D407 Withdrawn 1977; Definitions of Terms Relating to Gross Calorific Value and Net Calorific Value of Solid and Liquid Fuels; Replaced by D121
D408 Withdrawn 1951; Method of Test for Grindability of Coal by the Ball-Mill Method
D409/D409M-09a$^{\varepsilon 1}$ Test Method for Grindability of Coal by the Hardgrove-Machine Method, **05.06**
D410 Withdrawn 1988; Method for Sieve Analysis of Coal
D411-08 Test Methods for Shellac Used for Electrical Insulation, **10.01**
D412-06a$^{\varepsilon 2}$ Test Methods for Vulcanized Rubber and Thermoplastic Elastomers—Tension, **09.01**
D413-98(2007) Test Methods for Rubber Property—Adhesion to Flexible Substrate, **09.01**
D414 Withdrawn 1955; Methods of Testing Cotton Fibers; Replaced by D1440, D1441, D1285, D1442, D1445, D1447, D1448
D415 Withdrawn 1949; Methods of Testing Woven Textiles Fabrics
D416 Withdrawn 1962; Methods of Test for Dimensional Changes in Laundering of Fabrics Woven or Partially of Man-Made Organic Base Fibers
D417 Withdrawn 1937; Method of Test for Vapor Pressure of Petroleum Products; Replaced by D323
D418 Withdrawn 1998; Test Methods for Testing Pile Yarn Floor Covering Construction
D419 Withdrawn 1981; Specification for Test for Fineness of Wool; Replaced by D3991
D420-98(2003) Guide to Site Characterization for Engineering Design and Construction Purposes, **04.08**
D421-85(2007) Practice for Dry Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants, **04.08**
D422-63(2007) Test Method for Particle-Size Analysis of Soils, **04.08**
D423 Withdrawn 1983; Method of Test for Liquid Limit of Soils; Replaced by D4318
D424 Withdrawn 1983; Method of Test for Plastic Limit and Plasticity Index of Soils; Replaced by D4318

D425-88(2008) Test Method for Centrifuge Moisture Equivalent of Soils, **04.08**
D426 Withdrawn 1959; Method of Test for Field Moisture Equivalent of Soils
D427 Withdrawn 2008; Test Method for Shrinkage Factors of Soils by the Mercury Method
D428 Withdrawn 1940; Methods of Test for Accelerated Aging of Vulcanized Rubber by the Oven Method; Replaced by D572, D573
D429-08 Test Methods for Rubber Property—Adhesion to Rigid Substrates, **09.01**
D430-06 Test Methods for Rubber Deterioration—Dynamic Fatigue, **09.01**
D431 Withdrawn 1988; Method for Designating the Size of Coal from Its Sieve Analysis; Replaced by D4749
D432 Withdrawn 1961; Specification for Zinc Chloride
D433 Withdrawn 1966; Methods of Testing and Tolerances for Certain Carded Gray Goods
D434 Withdrawn 2003; Test Method for Resistance to Slippage of Yarns in Woven Fabrics Using a Standard Seam
D435 Withdrawn 1958; Method of Test for Color Fastness to Commercial Laundering and to Domestic Washing of Cotton and Textiles
D436 Withdrawn 1958; Method of Test for Color Fastness of Dyed or Printed Wool, Silk, Rayon, or Acetate Fabric to Laundering or Domestic Washing
D437 Withdrawn 1962; Method of Test for Shrinkage in Laundering of Woven Cotton Cloth
D438 Withdrawn 1938; Method of Test for Saponification Number of Petroleum Products by Color-Indicator Titration; Replaced by D94
D439 Withdrawn 1991; Specification for Automotive Gasoline
D440-07 Test Method of Drop Shatter Test for Coal, **05.06**
D441-07 Test Method of Tumbler Test for Coal, **05.06**
D442 Withdrawn 1939; Specification for Titanium-Magnesium Pigment; Replaced by D476
D443 Withdrawn 1939; Specification for Zinc Sulfate Pigment
D444-88(2008) Test Methods for Chemical Analysis of Zinc Yellow Pigment (Zinc Chromate Yellow), **06.03**
D445-09 Test Method for Kinematic Viscosity suesdlgjlof Transparent and Opaque Liquids (and Calculation of Dynamic Viscosity), **05.01**
D446-07 Specifications and Operating Instructions for Glass Capillary Kinematic Viscometers, **05.01**
D447 Withdrawn 1998; Test Method for Distillation of Plant Spray Oils
D448-08 Classification for Sizes of Aggregate for Road and Bridge Construction, **04.03**
D449-03(2008) Specification for Asphalt Used in Dampproofing and Waterproofing, **04.04**
D450-07 Specification for Coal-Tar Pitch Used in Roofing, Dampproofing, and Waterproofing, **04.04**
D451-91(2008) Test Method for Sieve Analysis of Granular Mineral Surfacing For Asphalt Roofing Products, **04.04**
D452-91(2008) Test Method for Sieve Analysis of Surfacing for Asphalt Roofing Products, **04.04**
D453 Withdrawn 2006; Test Method for Tar Acids in Creosote-Coal Tar Solutions
D454-04 Test Method for Rubber Deterioration by Heat and Air Pressure, **09.01**
D455 Withdrawn 2000; Specification for Milled Toilet Soap
D456 Withdrawn 2001; Specification for Caustic Soda (Anhydrous)
D457 Withdrawn 2001; Specification for Modified Soda (Sesquicarbonate Type)
D458 Withdrawn 2001; Specification for Soda Ash
D459-09 Terminology Relating to Soaps and Other Detergents, **15.04**
D460-91(2005) Test Methods for Sampling and Chemical Analysis of Soaps and Soap Products, **15.04**
D461 Withdrawn 2003; Test Methods for Felt
D462 Withdrawn 1977; Methods of Testing and Tolerances for Certain Wool and Part Wool Fabrics
D463 Withdrawn 1947; Method of Test for Volumetric Determination of Small Amounts of Copper in Textiles
D464-05 Test Methods for Saponification Number of Naval Store Products Including Tall Oil and Other Related Products, **06.03**
D465-05 Test Methods for Acid Number of Naval Stores Products Including Tall Oil and Other Related Products, **06.03**
D466 Withdrawn 1999; Test Methods for Films Deposited From Bituminous Emulsions
D467 Withdrawn 1951; Specification for Laminated Thermosetting Materials; Replaced by D709
D468 Withdrawn 1962; Methods of Testing Pin-Type, Lime-Glass Insulators; Combined with D 116
D469 Withdrawn 1995; Specification for Natural Rubber Heat-Resisting Insulation for Wire And Cable, 75°C Operation
D470-05 Test Methods for Crosslinked Insulations and Jackets for Wire and Cable, **10.01**
D471-06$^{\varepsilon 1}$ Test Method for Rubber Property—Effect of Liquids, **09.01**
D472 Withdrawn 1981; Specification for Fineness of Wool Top and Assignment of Grade; Replaced by D3992
D473-07 Test Method for Sediment in Crude Oils and Fuel Oils by the Extraction Method, **05.01**
D474 Withdrawn 1948; Specification for Aluminum Powder and Paste for Paints; Replaced by D962
D475 Withdrawn 2003; Specification for Pure Para Red Toner Pigment
D476-00(2005) Classification for Dry Pigmentary Titanium Dioxide Products, **06.03**
D477 Withdrawn 1987; Specification for Zinc Sulfide Pigments
D478-02(2006) Specification for Zinc Yellow (Zinc Chromate) Pigments, **06.03**
D479 Withdrawn 1984; Method of Test for Reactivity of Paint Liquids
D480-88(2008) Test Methods for Sampling and Testing of Flaked Aluminum Powders and Pastes, **06.03**
D481 Withdrawn 1949; Method of Test for Acid Heat of Gasoline
D482-07 Test Method for Ash from Petroleum Products, **05.01**
D483-04(2009)$^{\varepsilon 1}$ Test Method for Unsulfonated Residue of Petroleum Plant Spray Oils, **05.01**
D484 Withdrawn 1983; Specification for Hydrocarbon Dry Cleaning Solvents; Replaced by D235
D485 Withdrawn 1942; Specification for Crushed Stone, Crushed Slag, and Gravel for Bituminous Concrete Base and Surface Courses of Pavements; Replaced by D692
D486 Withdrawn 1942; Specification for Crushed Stone, Crushed Slag and Gravel for Bituminous Concrete Base and Surface Courses of Pavements; Replaced by D692
D487 Withdrawn 1942; Specification for Crushed Stone and Crushed Slag and Gravel for Bituminous Macadam Base and Surface Courses of Pavements; Replaced by D693
D488 Withdrawn 1942; Specification for Crushed Stone, Crushed Slag and Gravel for Waterbound Base and Surface Courses of Pavements
D489 Withdrawn 1942; Specification for Crushed Stone, Crushed Slag and Gravel for Waterbound Base and Surface Courses
D490-92(2005) Specification for Road Tar, **04.03**
D491 Withdrawn 1990; Specification for Asphalt Mastic Used in Waterproofing
D492 Withdrawn 1971; Method of Sampling Coals Classified According to Ash Content
D493 Withdrawn 1969; Definitions of Terms Relating to Commercial Varities of Bituminous and Subbituminous Coals; Replaced by D2796
D494-04 Test Method for Acetone Extraction of Phenolic Molded or Laminated Products, **08.01**
D495-99(2004) Test Method for High-Voltage, Low-Current, Dry Arc Resistance of Solid Electrical Insulation, **10.01**
D496 Withdrawn 2000; Specification for Chip Soap
D497 Withdrawn 2000; Specification for Ordinary Laundry Bar Soap
D498 Withdrawn 2000; Specification for Powdered Soap (Nonalkaline Soap Powder)
D499 Withdrawn 2000; Specification for White Floating Toilet Soap
D500-95(2009) Test Methods of Chemical Analysis of Sulfonated and Sulfated Oils, **15.04**
D501-03(2009) Test Methods of Sampling and Chemical Analysis of Alkaline Detergents, **15.04**
D502-89(2009) Test Method for Particle Size of Soaps and Other Detergents, **15.04**
D503 Withdrawn 1950; Specification for Bleached Wide Cotton Sheeting
D504 Withdrawn 1951; Specification for Single-Ply Bleached Cotton Broadcloth
D505 Withdrawn 1951; Specification for Terry (Turkish) Toweling
D506 Withdrawn 1958; Method of Test for Colorfastness to Light Textiles
D507 Withdrawn 1955; General Methods of Testing and Tolerances for Spun Rayon Yarns and Threads
D508 Withdrawn 1955; Methods of Testing and Tolerances for Yarns Spun from Wool Mixed with Fibers Other Than Wool
D509-05 Test Methods of Sampling and Grading Rosin, **06.03**
D510 Withdrawn 1975; Methods for Sampling Industrial Water; Replaced by D3370
D511-09 Test Methods for Calcium and Magnesium In Water, **11.01**
D512-04 Test Methods for Chloride Ion In Water, **11.01**
D513-06 Test Methods for Total and Dissolved Carbon Dioxide in Water, **11.01**
D514 Withdrawn 1996; Test Method for Hydroxide Ion in Water
D515 Withdrawn 1998; Test Methods for Phosphorus in Water
D516-07 Test Method for Sulfate Ion in Water, **11.01**
D517-98(2008) Specification for Asphalt Plank, **04.03**
D518 Withdrawn 2008; Test Method for Rubber Deterioration—Surface Cracking; Replaced by D1149
D519-04(2008) Test Method for Length of Fiber in Wool Top, **07.01**
D520-00(2005) Specification for Zinc Dust Pigment, **06.03**
D521-02(2007) Test Methods for Chemical Analysis of Zinc Dust (Metallic Zinc Powder), **06.03**
D522-93a(2008) Test Methods for Mandrel Bend Test of Attached Organic Coatings, **06.01**
D523-08 Test Method for Specular Gloss, **06.01**
D524-09 Test Method for Ramsbottom Carbon Residue of Petroleum Products, **05.01**
D525-05 Test Method for Oxidation Stability of Gasoline (Induction Period Method), **05.01**
D526 Withdrawn 1976; Method of Test for Tetraethyl-Lead in Gasoline
D527 Withdrawn 1974; Method of Test for Bulking Thickness of Paper
D528 Withdrawn 2010; Test Method for Machine Direction of Paper and Paperboard
D529-04 Practice for Enclosed Carbon-Arc Exposures of Bituminous Materials, **04.04**
D530 Withdrawn 1989; Methods of Testing Hard Rubber Products
D531-00(2010) Test Method for Rubber Property—Pusey and Jones Indentation, **09.01**
D532 Withdrawn 1996; Specification for Natural Rubber Jacket for Wire and Cable
D533 Withdrawn 2000; Specification for Built Soap, Powdered
D534 Withdrawn 2000; Specification for Alkaline Soap Powder
D535 Withdrawn 1959; Specification for Palm Oil Solid Soap (Type A, Straight; Type B, Blended)

D536 Withdrawn 1959; Specification for Palm Oil Chip Soap (Type A, Straight; Type B, Blended)
D537 Withdrawn 2001; Specification for Sodium Metasilicate
D538 Withdrawn 2001; Specification for Trisodium Phosphate
D539 Withdrawn 1970; Methods of Test for Apparent Fluidity of Dispersions of Cellulose Fibers
D540 Withdrawn 1974; Methods of Testing Man-Made Staple Fibers; Replaced by D3660
D541 Withdrawn 1996; Specification for Single Jute Yarn
D542-00(2006) Test Method for Index of Refraction of Transparent Organic Plastics, **08.01**
D543-06 Practices for Evaluating the Resistance of Plastics to Chemical Reagents, **08.01**
D544 Withdrawn 1961; Specification for Preformed Expansion Joint Fillers for Concrete (Nonextruding and Resilient Types); Replaced by D1751, D1752
D545-08 Test Methods for Preformed Expansion Joint Fillers for Concrete Construction (Nonextruding and Resilient Types), **04.03**
D546-05 Test Method for Sieve Analysis of Mineral Filler for Bituminous Paving Mixtures, **04.03**
D547 Withdrawn 1987; Test Method for Index of Dustiness of Coal and Coke
D548 Withdrawn 2009; Test Method for Water-Soluble Acidity or Alkalinity of Paper
D549 Withdrawn 1993; Test Methods for Rosin in Paper and Paperboard
D550 Withdrawn 1958; Methods of Testing Glass Spool Insulators
D551 Withdrawn 1966; Method of Measuring Shrinkage from Mold Dimensions of Molded Materials Used for Electrical Insulation
D552 Withdrawn 1950; Method of Test for Cellular Rubber Products; Replaced by D1055, D1056
D553 Withdrawn 1966; Methods of Test for Viscosity and Total Solids Content of Rubber Cements; Replaced by D1084
D554 Withdrawn 1982; Specification for Amyl Acetate Made from Fusel Oil (85 to 88% Grade)
D555 Withdrawn 2007; Guide for Testing Drying Oils
D556 Withdrawn 1953; Specification for Materials for Soil-Aggregate Subbase, Base and Surface Courses; Replaced by D1241
D557 Withdrawn 1953; Specification for Materials for Soil-Aggregate Subbase, Base and Surface Courses; Replaced by D1241
D558-04 Test Methods for Moisture-Density (Unit Weight) Relations of Soil-Cement Mixtures, **04.08**
D559-03 Test Methods for Wetting and Drying Compacted Soil-Cement Mixtures, **04.08**
D560-03 Test Methods for Freezing and Thawing Compacted Soil-Cement Mixtures, **04.08**
D561-82(2008) Specification for Carbon Black Pigment for Paint, **06.03**
D562-01(2005) Test Method for Consistency of Paints Measuring Krebs Unit (KU) Viscosity Using a Stormer-Type Viscometer, **06.01**
D563 Withdrawn 2004; Test Method for Phthalic Anhydride Content of Alkyd Resins and Resin Solutions
D564-87(2008) Test Methods for Liquid Paint Driers, **06.01**
D565-99(2009)$^{\varepsilon 1}$ Test Method for Carbonizable Substances in White Mineral Oil, **05.01**
D566-02(2009) Test Method for Dropping Point of Lubricating Grease, **05.01**
D567 Withdrawn 1967; Method for Calculating Viscosity Index; Replaced by D2270
D568 Withdrawn 1991; Test Method for Rate of Burning and/or Extent and Time of Burning of Flexible Plastics in a Vertical Position
D569 Withdrawn 1995; Method for Measuring the Flow Properties of Thermoplastic Molding Materials
D570-98(2005) Test Method for Water Absorption of Plastics, **08.01**
D571 Withdrawn 1982; Methods of Testing Rubber Hose for Automotive Hydraulic Brake System
D572-04(2009) Test Method for Rubber—Deterioration by Heat and Oxygen, **09.01**
D573-04 Test Method for Rubber—Deterioration in an Air Oven, **09.01**
D574 Withdrawn 1984; Specification for Ozone-Resisting Insulation for Wire and Cable
D575-91(2007) Test Methods for Rubber Properties in Compression, **09.01**
D576 Withdrawn 1949; Specification for All Wool, All Cotton, and Wool and Cotton Blanketing (Household)
D577 Withdrawn 1958; Methods of Testing Woven Asbestos Cloth
D578-05 Specification for Glass Fiber Strands, **07.01**
D579/D579M-10 Specification for Greige Woven Glass Fabrics, **07.01**
D580/D580M-10 Specification for Greige Woven Glass Tapes and Webbings, **07.01**
D581-07 Specification for Glass Fiber Greige Braided Tubular Sleeving, **07.01**
D582 Withdrawn 1958; Methods of Test for Resistance of Textile Fabrics and Yarns to Insect Pests
D583 Withdrawn 1972; Methods of Test for Water Resistance of Textile Fabrics
D584-10 Test Method for Wool Content of Raw Wool—Laboratory Scale, **07.01**
D585-97(2007) Practice for Sampling and Accepting a Single Lot of Paper, Paperboard, Fiberboard, and Related Product, **15.09**
D586 Withdrawn 2009; Test Method for Ash in Pulp, Paper, and Paper Products
D587 Withdrawn 1982; Method of Test for Casein in Paper (Qualitative)
D588 Withdrawn 1980; Method of Test for Alpha, Beta, and Gamma-Cellulose in Paper
D589 Withdrawn 2010; Test Method for Opacity of Paper (15° Diffuse Illuminant A, 89 % Reflectance Backing and Paper Backing)
D590 Withdrawn 2009; Test Method for Petroleum Wax in Paper
D591 Withdrawn 1982; Method of Test for Starch in Paper
D592 Withdrawn 1959; Specification for Olive Oil Solid Soap (Type A, Straight Type B, Blended)
D593 Withdrawn 1975; Specification for Salt-Water Soap (Coconut Oil Type)
D594 Withdrawn 2001; Specification for Sodium Sesquisilicate
D595 Withdrawn 2001; Specification for Tetrasodium Pyrophosphate (Anhydrous)
D596-01(2006) Guide for Reporting Results of Analysis of Water, **11.01**
D597 Withdrawn 1965; Specification for Cut-Back Asphalt (Rapid Curing Type); Replaced by D2028
D598 Withdrawn 1965; Specification for Cut-Back Asphalt (Medium Curing Type); Replaced by D2027
D599 Withdrawn 1967; Method of Test for Physical State of Cure of Vulcanized Rubber (T-50 Test)
D600-07 Specification for Liquid Paint Driers, **06.04**
D601 Withdrawn 2007; Specification for Oiticica Oil (Permanently Liquid)
D602-81(2007) Specification for Barium Sulfate Pigments, **06.03**
D603 Withdrawn 2004; Specification for Aluminum Silicate Pigments (Hydrous)
D604 Withdrawn 2003; Specification for Diatomaceous Silica Pigment
D605-82(2007) Specification for Magnesium Silicate Pigment (Talc), **06.03**
D606 Withdrawn 1952; Specification for Lead Titanate
D607-82(2007) Specification for Wet Ground Mica Pigments, **06.03**
D608-05 Specification for Dibutyl Phthalate, **06.04**
D609-00(2006) Practice for Preparation of Cold-Rolled Steel Panels fors Testing Paint, Varnish, Conversion Coatings, and Related Coating Products, **06.01**
D610-08 Practice for Evaluating Degree of Rusting on Painted Steel Surfaces, **06.02**
D611-07 Test Methods for Aniline Point and Mixed Aniline Point of Petroleum Products and Hydrocarbon Solvents, **05.01**
D612-88(2007) Test Method for Carbonizable Substances in Paraffin Wax, **05.01**
D613-08 Test Method for Cetane Number of Diesel Fuel Oil, **05.05**
D614 Withdrawn 1971; Method of Test for Knock Characteristics of Aviation Fuels by the Aviation Method; Replaced by D2700
D615 Withdrawn 1944; Specification for Aviation Gasolines
D616 Withdrawn 1951; Specification for Laminated Thermosettings Materials; Replaced by D709
D617 Withdrawn 2003; Test Method for Punching Quality of Phenolic Laminated Sheets
D618-08 Practice for Conditioning Plastics for Testing, **08.01**
D619-99(2004) Test Methods for Vulcanized Fibre Used for Electrical Insulation, **10.01**
D620 Withdrawn 1965; Method of Test for Colorfastness of Plastics to Light
D621 Withdrawn 1994; Test Methods for Deformation of Plastics Under Load
D622-99(2005) Test Methods for Rubber Hose for Automotive Air and Vacuum Brake System, **09.02**
D623-07 Test Methods for Rubber Property—Heat Generation and Flexing Fatigue In Compression, **09.01**
D624-00(2007) Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers, **09.01**
D625 Withdrawn 1949; Specification for Medium-Weight Cotton Corduroy Fabrics
D626 Withdrawn 1969; Specification for Fire-Retardant Properties of Treated Textile Fabrics
D627 Withdrawn 1958; Methods of Test for Evaluating Compounds Designed to Increase Resistance of Fabrics and Yarns to Insect Pests
D628/D628M-95(2009)$^{\varepsilon 1}$ Specification for Asbestos Tubular Sleeving, **04.05**
D629-08 Test Methods for Quantitative Analysis of Textiles, **07.01**
D630 Withdrawn 1981; Specification for Olive Oil Chip Soap (Type A, Straight; Type B, Blended)
D631 Withdrawn 1950; Specification for Emulsified Asphalt; Replaced by D977
D632 Withdrawn 2010; Specification for Sodium Chloride
D633-97(2005) Volume Correction Table for Road Tar, **04.03**
D634 Withdrawn 1963; Methods of Test for Product Uniformity of Phenolic Laminated Sheets
D635-06 Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position, **08.01**
D636 Withdrawn 1960; Method of Test for Diffusion of Light by Plastics
D637 Withdrawn 1995; Test Method for Surface Irregularities of Flat Transparent Plastic Sheets
D638-08 Test Method for Tensile Properties of Plastics, **08.01**
D638M Withdrawn 1996; Test Method for Tensile Properties of Plastics [Metric]
D639 Withdrawn 1989; Methods of Testing Battery Containers Made from Hard Rubber or Equivalent Materials
D640 Withdrawn 1952; Specification and Methods of Test for Concentrated Ammonia Preserved Creamed and Centrifuged Natural Rubber Latex; Replaced by D1076
D641 Withdrawn 1978; Method of Test for Conditioning Paperboard, Fiberboard, and Paperboard Containers for Testing; Replaced by D685
D642-00(2005)$^{\varepsilon 1}$ Test Method for Determining Compressive Resistance of Shipping Containers, Components, and Unit Loads, **15.10**
D643-97(2007) Test Method for Folding Endurance of Paper by the Schopper Tester, **15.09**
D644-99(2007) Test Method for Moisture Content of Paper and Paperboard by Oven Drying, **15.09**
D645/D645M Withdrawn 2010; Test Method for Thickness of Paper and Paperboard

D646 Withdrawn 2010; Test Method for Grammage of Paper and Paperboard (Mass Per Unit Area)
D647 Withdrawn 1994; Practice for Design of Molds for Test Specimens of Plastic Molding Materials; Replaced by D1896, D3419, D3641, D4703, D5227
D648-07 Test Method for Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position, **08.01**
D649 Withdrawn 1947; Method of Test for Compressive Strength of Electrical Insulating Materials; Replaced by D695
D650 Withdrawn 1948; Tentative Method of Test for Flexural Strength of Electrical Insulating Materials; Replaced by D790
D651 Withdrawn 1991; Test Method for Tensile Strength of Molded Electrical Insulating Materials
D652 Withdrawn 1957; Method of Test for Measuring Mica Stampings Used in Electronic Devices and Incandescent Lamps
D653-09 Terminology Relating to Soil, Rock, and Contained Fluids, **04.08**
D654 Withdrawn 1958; Specification for Coal-Tar Pitch for Steep Built-Up Roofs
D655 Withdrawn 1971; Specification for Asphalt-Saturated and Coated Asbestos Felts for Use in Constructing Built-Up Roofs
D656 Withdrawn 2003; Specification for Pure Toluidine Red Toner
D657 Withdrawn 1979; Specification for Isopropyl Acetate
D658 Withdrawn 1996; Test Method for Abrasion Resistance of Organic Coatings by Air Blast Abrasive
D659 Withdrawn 1990; Method of Evaluating Degree of Chalking of Exterior Paints; Replaced by D4214
D660-93(2005) Test Method for Evaluating Degree of Checking of Exterior Paints, **06.01**
D661-93(2005) Test Method for Evaluating Degree of Cracking of Exterior Paints, **06.01**
D662-93(2005) Test Method for Evaluating Degree of Erosion of Exterior Paints, **06.01**
D663 Withdrawn 1948; Tentative Method of Test for Acid and Base Value Numbers of Petroleum Oils by Color-Indictor Titration; Replaced by D974
D664-09 Test Method for Acid Number of Petroleum Products by Potentiometric Titration, **05.01**
D665-06 Test Method for Rust-Preventing Characteristics of Inhibited Mineral Oil in the Presence of Water, **05.01**
D666 Withdrawn 1964; Method for Conversion of Kinematic Viscosity to Saybolt Furol Viscosity; Replaced by D2161
D667 Withdrawn 1963; Methods of Testing Steatite Used as Electrical Insulation; Combined with D 116
D668-99(2004) Test Methods of Measuring Dimensions of Rigid Rods and Tubes Used for Electrical Insulation, **10.01**
D669-03 Test Method for Dissipation Factor and Permittivity Parallel with Laminations of Laminated Sheet and Plate Materials, **10.01**
D670 Withdrawn 1954; Methods of Test for Sludge Formatting in Mineral Transformer Oil
D671 Withdrawn 2002; Test Method for Flexural Fatigue of Plastics by Constant-Amplitude-of-Force
D672 Withdrawn 1951; Method of Test for Luminuous Reflectance, Transmittance, and Color of Materials
D673 Withdrawn 1998; Test Method for Mar Resistance of Plastics
D674 Withdrawn 1976; Recommended Practices for Long-Time Creep or Stress Relaxation of Plastics Under Tension or Compression at Different Temperatures; Replaced by D2990
D675 Withdrawn 1961; Nomenclature of Descriptive Terms Pertaining to Plastics; Combined with D 883
D676 Withdrawn 1965; Method of Test for Indentation of Rubber by Means of a Durometer; Replaced by D2240
D677 Withdrawn 1958; Specification for Woven Asbestos Cloth; Replaced by D1571
D678 Withdrawn 1947; Tentative Specifications for Finished, All-Cotton, Upholstery Tapestries
D679 Withdrawn 1966; Methods of Testing and Tolerances for Certain Fine Staple Cotton Gray Goods
D680 Withdrawn 1966; Methods of Testing and Tolerances for Certain All-Cotton and Rayon Fine Fancy Goods
D681 Withdrawn 2000; Specification for Jute Rove and Plied Yarn for Electrical and Packing Purposes
D682 Withdrawn 1958; Method of Test for Colorfastness of Dyed Acetate to Atmospheric Fumes
D683 Withdrawn 1961; Methods of Test for Identification of Finishes on Textiles
D684 Withdrawn 1958; Methods of Test for Resistance of Textile Materials to Microorganisms
D685-93(2007) Practice for Conditioning Paper and Paper Products for Testing, **15.09**
D686-93(2007) Test Methods of Qualitative Examination of Mineral Filler and Mineral Coating of Paper, **15.09**
D687 Withdrawn 1973; Method for Quantitative Determination of Coating on Mineral-Coated Paper
D688 Withdrawn 1967; Method of Test for Pentosans in Paper
D689 Withdrawn 2009; Test Method for Internal Tearing Resistance of Paper
D690 Withdrawn 1981; Specification for Compound Chip Soap (with Rosin)
D691 Withdrawn 1981; Specification for Compound Powdered Soap (Granulated, with Rosin)
D692/D692M-09 Specification for Coarse Aggregate for Bituminous Paving Mixtures, **04.03**
D693 Withdrawn 2008; Specification for Crushed Aggregate for Macadam Pavements
D694 Withdrawn 1977; Specification for Crushed Stone, Crushed Slag, and Crushed Gravel for Water-Bound Macadam Base Courses; Replaced by D693
D695-08 Test Method for Compressive Properties of Rigid Plastics, **08.01**
D696-08 Test Method for Coefficient of Linear Thermal Expansion of Plastics Between −30°C and 30°C with a Vitreous Silica Dilatometer, **08.01**
D697 Withdrawn 1954; Method of Test for Water Vapor Permeability of Plastic Sheets; Replaced by E96
D698-07$^{\varepsilon 1}$ Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort (12 400 ft-lbf/ft^3 (600 kN-m/m^3)), **04.08**
D699 Withdrawn 1978; Specification for Asphalt Sliding Organic Felt Surfaced with Mineral Granules
D700 Withdrawn 1991; Specification for Phenolic Molding Compounds
D701 Withdrawn 1982; Specification for Cellulose Nitrate (Pyroxylin) Plastic Sheets, Rods, and Tubes
D702 Withdrawn 1990; Specification for Cast Methacrylate Plastic Sheets
D703 Withdrawn 1987; Specification for Polystyrene Molding Compounds; Replaced by D4549
D704-99(2004) Specification for Melamine-Formaldehyde Molding Compounds, **08.01**
D705-99(2004) Specification for Urea-Formaldehyde Molding Compounds, **08.01**
D706-09 Classification System and Basis for Specifications for Cellulose Acetate Molding and Extrusion Compounds, **08.01**
D707-09 Classification System and Basis for Specification for Cellulose Acetate Butyrate Molding and Extrusion Compounds, **08.01**
D708 Withdrawn 1963; Specification for Vinyl Chloride Polymer and Copolymer Rigid Sheets
D709-01(2007) Specification for Laminated Thermosetting Materials, **10.01**
D710-97(2009)$^{\varepsilon 1}$ Specification for Vulcanized Fibre Sheets, Rods, and Tubes Used for Electrical Insulation, **10.01**
D711-89(2004) Test Method for No-Pick-Up Time of Traffic Paint, **06.02**
D712 Withdrawn 1958; Method of Test for Light Sensitivity of Traffic Paint
D713-90(2004) Practice for Conducting Road Service Tests on Fluid Traffic Marking Materials, **06.02**
D714-02(2009) Test Method for Evaluating Degree of Blistering of Paints, **06.01**
D715-86(2008) Test Methods for Analysis of Barium Sulfate Pigment, **06.03**
D716-86(2007) Test Methods for Evaluating Mica Pigment, **06.03**
D717-86(2008) Test Methods for Analysis of Magnesium Silicate Pigment, **06.03**
D718-86(2008) Test Methods for Analysis of Aluminum Silicate Pigment, **06.03**
D719 Withdrawn 2003; Test Methods for Analysis of Diatomaceous Silica Pigment
D720-91(2010) Test Method for Free-Swelling Index of Coal, **05.06**
D721-06 Test Method for Oil Content of Petroleum Waxes, **05.01**
D722 Withdrawn 2010; Test Method for Grease Resistance of Paper
D723 Withdrawn 1985; Method of Test for Degree of Staining of Paper by Alkali
D724 Withdrawn 2009; Test Method for Surface Wettability of Paper (Angle-of-Contact Method)
D725 Withdrawn 1980; Method for Identification of Wire Side of Paper; Reinstated 1990 as D 5039
D726 Withdrawn 2009; Test Method for Resistance of Nonporous Paper to Passage of Air
D727-96(2006) Test Method for Kerosine Number of Roofing and Flooring Felt by the Vacuum Method, **15.09**
D728 Withdrawn 1963; Specification for Vinyl Chloride-Acetate, Molding Compound Resin
D729 Withdrawn 2000; Specification for Vinylidene Chloride Molding Compounds
D730 Withdrawn 1961; Specification for Low and Medium Voltage Pin-type Lime-Glass Insulators
D731-08 Test Method for Molding Index of Thermosetting Molding Powder, **08.01**
D732-09 Test Method for Shear Strength of Plastics by Punch Tool, **08.01**
D733 Redesignated F39
D734 Withdrawn 1963; Specification for Insulated Wire and Cable: Vinly Chloride Plastic Insulating Compound; Replaced by D2219, D2220
D735 Withdrawn 1968; Specification for Elastomer Compounds for Automotive Applications; Replaced by D2000
D736 Withdrawn 1966; Method of Test for Low-Temperature Brittleness of Rubber and Rubber-Like Materials
D737-04(2008)$^{\varepsilon 1}$ Test Method for Air Permeability of Textile Fabrics, **07.01**
D738 Withdrawn 1972; Methods of Testing and Tolerances for Rope Made from Bast and Leaf Fibers
D739 Withdrawn 1972; Methods of Testing and Tolerances for Spun, Twisted, or Braided Products Made from Flax, Hemp, Ramie or Mixtures Thereof
D740-05 Specification for Methyl Ethyl Ketone, **06.04**
D741 Withdrawn 1972; Methods of Measuring Dimensions of Rigid Rods Used in Electrical Insulation; Replaced by D668
D742 Withdrawn 1956; Specification for Nonrigid Vinyl Chloride-Acetate Resin Plastics
D743 Withdrawn 1948; Specification for Nonrigid Ethyl Cellulose Plastics
D744 Withdrawn 1956; Specification for Nonrigid Vinyl Chloride Plastics
D745 Withdrawn 1950; Specification for Nonrigid Vinyl Butyral Plastics
D746-07 Test Method for Brittleness Temperature of Plastics and Elastomers by Impact, **08.01**

D747-08 Test Method for Apparent Bending Modulus of Plastics by Means of a Cantilever Beam, **08.01**
D748-00(2005)$^{\varepsilon 1}$ Specification for Natural Block Mica and Mica Films Suitable for Use in Fixed Mica-Dielectric Capacitors, **10.01**
D749 Withdrawn 1976; Method of Calibrating a Light Source Used for Accelerating the Deterioration of Rubber
D750-06 Test Method for Rubber Deterioration Using Artificial Weathering Apparatus, **09.01**
D751-06 Test Methods for Coated Fabrics, **09.02**
D752 Withdrawn 1984; Specification for Heavy-Duty Block Polychloroprene Jacket for Wire and Cable; Replaced by D4247
D753 Withdrawn 1984; Specification for General Purpose Polychloroprene Jacket for Wire and Cable; Replaced by D4247
D754 Withdrawn 1984; Specification for Synthetic Rubber Insulation for Wire and Cable, 75°C Operation
D755 Withdrawn 1984; Specification for Synthetic Rubber Insulation for Wire and Cable, 60°C Operation
D756 Withdrawn 1998; Practice for Determination of Weight and Shape Changes of Plastics Under Accelerated Service Conditions
D757 Withdrawn 1966; Method of Test for Incandescence Resistance of Rigid Plastics in a Horizontal Position
D758 Withdrawn 1969; Method of Test for Impact Resistance of Plastics at Subnormal and Supernormal Temperatures
D759 Withdrawn 1982; Practice for Conducting Physical Property Tests of Plastics at Subnormal and Supernormal Temperatures
D760 Withdrawn 1952; Specification for Enclosures and Servicing Units for Tests Above and Below Room Temperatures
D761 Withdrawn 1952; Specification for Enclosures and Servicing Units for Tests Above and Below Room Temperatures
D762 Withdrawn 1965; Method of Test for Hot Extraction of Asphaltic Materials and Recovery of Bitumen by the Modified Abson Procedure; Replaced by D1856
D763-06 Specification for Raw and Burnt Umber Pigments, **06.03**
D764 Withdrawn 1948; Specification for Raw Burnt Umber; Combined with D 763
D765-87(2009) Specification for Raw and Burnt Sienna Pigments, **06.03**
D766 Withdrawn 1948; Specification for Raw Burnt Sienna; Combined-with D 765
D767 Withdrawn 1976; Specification for Venetion Red
D768-01(2007) Specification for Yellow Iron Oxide Hydrated, **06.03**
D769-01(2007) Specification for Black Synthetic Iron Oxide, **06.03**
D770-05 Specification for Isopropyl Alcohol, **06.04**
D771 Withdrawn 1955; Method of Test for Daylight 45 degree, 0 degree Luminus Directional Reflectance of Paint Finishes
D772-86(2005) Test Method for Evaluating, **06.01**
D773 Withdrawn 1982; Method of Test for Adhesiveness of Gummed Tape
D774/D774M Withdrawn 2010; Test Method for Bursting Strength of Paper
D775 Withdrawn 1993; Method of Drop Test for Loaded Boxes; Replaced by D5276
D776 Withdrawn 2009; Test Method for Determination of Effect of Dry Heat on Properties of Paper and Board
D777 Withdrawn 2009; Test Method for Flammability of Treated Paper and Paperboard
D778 Withdrawn 2010; Test Methods for Hydrogen Ion Concentration (pH) of Paper Extracts (Hot-Extraction and Cold-Extraction Procedures)
D779-03 Test Method for Water Resistance of Paper, Paperboard, and Other Sheet Materials by the Dry Indicator Method, **15.09**
D780 Withdrawn 2009; Test Method for Printing Ink Permeation of Paper (Castor Oil Test)
D781 Withdrawn 1984; Test Methods for Puncture and Stiffness of Paperboard and Corrugated and Solid Fiberboard; Replaced by TAPPI T 803
D782 Withdrawn 1999; Test Method for Shipping Containers in Revolving Hexagonal Drum
D783 Withdrawn 1948; Tentative Method of Test for Water-Vapor Permeability of Paper and Paperboard; Replaced by E96
D784-08 Specification for Orange Shellac and Other Indian Lacs for Electrical Insulation, **10.01**
D785-08 Test Method for Rockwell Hardness of Plastics and Electrical Insulating Materials, **08.01**
D786 Withdrawn 1982; Specification for Cellulose Acetate Plastic Sheets
D787-09 Specification for Ethyl Cellulose Molding and Extrusion Compounds, **08.01**
D788-06 Classification System for Poly(Methyl Methacrylate) (PMMA) Molding and Extrusion Compounds, **08.01**
D789-07 Test Methods for Determination of Solution Viscosities of Polyamide (PA), **08.01**
D790-07$^{\varepsilon 1}$ Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials, **08.01**
D790M Withdrawn 1996; Test Methods for Flexural Properties of Unreiniorced and Reinforced Plastics and Electrical Insulating Materials [Metric]
D791 Withdrawn 1967; Method of Test for Luminous Reflectance, Transmittance, and Color of Materials; Replaced by E308
D792-08 Test Methods for Density and Specific Gravity (Relative Density) of Plastics by Displacement, **08.01**
D793 Withdrawn 1982; Method of Test for Short-Time Stability at Elevated Temperatures of Plastics conCaining Chlorine
D794 Withdrawn 1998; Practice for Determining Permanent Effect of Heat on Plastics
D795 Withdrawn 1971; Recommended Practice for Accelerated Weathering of Plastics Using S-1 Mercury Arc Lamp
D796 Withdrawn 1992; Practice for Compression Molding Test Specimens of Phenolic Molding Compounds; Replaced by D5224
D797 Withdrawn 1994; Test Methods for Rubber Property—Young's Modulus at Normal and Subnormal Temperatures
D798 Withdrawn 1949; Specification and Methods of Test for Sponge and Expanded Cellular Rubber Products; Replaced by D1055, D1056
D799 Withdrawn 2000; Specification for Liquid Toilet Soap
D800-05 Test Methods of Chemical Analysis of Industrial Metal Cleaning Compositions, **15.04**
D801-02(2009) Test Methods for Sampling and Testing Dipentene, **06.03**
D802-02(2009) Test Methods for Sampling and Testing Pine Oils, **06.03**
D803-03(2008) Test Methods for Testing Tall Oil, **06.03**
D804-07 Terminology Relating to Naval Stores, Including Tall Oil and Related Products, **06.03**
D805 Withdrawn 1976; Methods of Testing Veneer, Plywood, and Other Glued Veneer Constructions; Replaced by D3499, D3500, D3501
D806-00(2006) Test Method for Cement Content of Hardened Soil-Cement Mixtures, **04.08**
D807-05(2009) Practice for Assessing the Tendency of Industrial Boiler Waters to Cause Embrittlement (USBM Embrittlement Detector Method), **11.01**
D808-05 Test Method for Chlorine in New and Used Petroleum Products (Bomb Method), **05.01**
D809 Withdrawn 1952; Method of Test for Phosphorous in Lubricating Oils, Lubricating Oil Additives and Their Concentrates; Replaced by D1091
D810 Withdrawn 1963; Methods of Test for Sulfated Residue, Lead, Iron and Copper in Lubricating Oils
D811 Withdrawn 1989; Method for Chemical Analysis for Metals in New and Used Lubricating Oils
D812 Withdrawn 1948; Specification for GR-S (Synthetic Rubber) Sheath Compound for Electrical Insulated Cords and Cables Where Extreme Abrasion Resistance Is Not Required
D813-07 Test Method for Rubber Deterioration—Crack Growth, **09.01**
D814-95(2010) Test Method for Rubber Property—Vapor Transmission of Volatile Liquids, **09.01**
D815 Withdrawn 1989; Method of Testing Coated Fabrics—Hydrogen Permeanance
D816-06 Test Methods for Rubber Cements, **09.01**
D817-96(2004)$^{\varepsilon 1}$ Test Methods of Testing Cellulose Acetate Propionate and Cellulose Acetate Butyrate, **06.03**
D818 Withdrawn 1953; Specification for Natural Rubber Cups for Use in Hydraulic Actuating Cylinders
D819 Withdrawn 1959; Specification for Cast Allyl Plastic Sheets, Rods, Tubes, and Shapes
D820-93(2009) Test Methods for Chemical Analysis of Soaps Containing Synthetic Detergents, **15.04**
D821 Withdrawn 1984; Method of Evaluating Degree of Abrasion, Erosion, or a Combination of Both in Road Service Test of Traffic Paints
D822-01(2006) Practice for Filtered Open-Flame Carbon-Arc Exposures of Paint and Related Coatings, **06.01**
D823-95(2007) Practices for Producing Films of Uniform Thickness of Paint, Varnish, and Related Products on Test Panels, **06.01**
D824 Withdrawn 2010; Test Method for Rate of Absorption of Water by Bibulous Papers
D825 Withdrawn 1973; Methods of Test for Ply Adhesion of Paper
D826 Withdrawn 1985; Methods of Test for Degree of Wet Curl of Paper
D827 Withdrawn 1981; Method of Test for Edge Tearing Strength of Paper
D828 Withdrawn 2009; Test Method for Tensile Properties of Paper and Paperboard Using Constant-Rate-of-Elongation Apparatus
D829 Withdrawn 2009; Test Method for Wet Tensile Breaking Strength of Paper and Paper Products
D830 Withdrawn 1948; Method of Test for Water Vapor Permeability of Paper and Paperboard; Replaced by E96
D831-94(2004) Test Method for Gas Content of Cable and Capacitor Oils, **10.03**
D832-07 Practice for Rubber Conditioning For Low Temperature Testing, **09.01**
D833 Withdrawn 1960; Methods of Identification and Quantitative Analysis of Synthetic Elastomers; Combined with D 297
D834 Withdrawn 1984; Methods of Test for Free Ammonia in Phenol-Formaldehyde Molded Materials; Combined with D 297
D835 Withdrawn 1997; Specification for Refined Benzene–485
D836 Withdrawn 1991; Specification for Industrial Grade Benzene
D837 Withdrawn 1963; Specification for Industrial 90 Benzene
D838 Withdrawn 1978; Specification for Refined Solvent Naphtha
D839 Withdrawn 1975; Specification for Crude Light Solvent Naphtha
D840 Withdrawn 1975; Specification for Crude Heavy Solvent Naphtha
D841-02(2008)$^{\varepsilon 1}$ Specification for Nitration Grade Toluene, **06.04**
D842 Withdrawn 1963; Specification for Industrial Grade Toluene
D843-06 Specification for Nitration Grade Xylene, **06.04**
D844 Withdrawn 1963; Specification for Industrial Grade Xylene
D845 Withdrawn 1982; Specification for Five-Degree Xylene
D846 Withdrawn 1991; Specification for Ten-Degree Xylene
D847-08 Test Method for Acidity of Benzene, Toluene, Xylenes, Solvent Naphthas, and Similar Industrial Aromatic Hydrocarbons, **06.04**
D848-03 Test Method for Acid Wash Color of Industrial Aromatic Hydrocarbons, **06.04**
D849-05 Test Method for Copper Strip Corrosion by Industrial Aromatic Hydrocarbons, **06.04**
D850-03(2008)$^{\varepsilon 1}$ Test Method for Distillation of Industrial Aromatic Hydrocarbons and Related Materials, **06.04**

D851 Withdrawn 1975; Method of Test for Paraffins in Industrial Aromatic Hydrocarbons
D852-08 Test Method for Solidification Point of Benzene, **06.04**
D853-04 Test Method for Hydrogen Sulfide and Sulfur Dioxide Content (Qualitative) of Industrial Aromatic Hydrocarbons, **06.04**
D854-06$^{\varepsilon 1}$ Test Methods for Specific Gravity of Soil Solids by Water Pycnometer, **04.08**
D855 Withdrawn 1977; Method of Analysis of Oil-Soluble Sodium Petroleum Sulfonates
D856 Withdrawn 1991; Test Methods for Sampling and Testing Pine Tars and Pine-Tar Oils
D857-07 Test Method for Aluminum in Water, **11.01**
D858-07 Test Methods for Manganese in Water, **11.01**
D859-05 Test Method for Silica in Water, **11.01**
D860 Withdrawn 1975; Method of Sampling Water from Boilers; Replaced by D3370
D861-07 Practice for Use of the Tex System to Designate Linear Density of Fibers, Yarn Intermediates, and Yarns, **07.01**
D862 Withdrawn 1972; Methods of Test for Evaluating Treated Textiles for Pemanence of Resistance to Microorganisms
D863 Withdrawn 1948; Method of Measuring the Flow of Properties of Thermoplastic Molding Materials; Combined with D 569
D864 Withdrawn 1989; Test Method for Coefficient of Cubical Thermal Expansion of Plastics
D865-99(2005) Test Method for Rubber—Deterioration by Heating in Air (Test Tube Enclosure), **09.01**
D866 Withdrawn 2009; Specification for Crosslinked Styrene-Butadiene (SBR) Synthetic Rubber Jacket for Wire and Cable
D867 Withdrawn 1995; Specification for Pumice Pigment
D868-85(2003) Test Method for Evaluating Degree of Bleeding of Traffic Paint, **06.02**
D869-85(2004) Test Method for Evaluating Degree of Settling of Paint, **06.02**
D870-09 Practice for Testing Water Resistance of Coatings Using Water Immersion, **06.01**
D871-96(2004) Test Methods of Testing Cellulose Acetate, **06.03**
D872 Withdrawn 1991; Test Method for Sulfonation Index of Road Tars
D873-02(2007) Test Method for Oxidation Stability of Aviation Fuels (Potential Residue Method), **05.01**
D874-07 Test Method for Sulfated Ash from Lubricating Oils and Additives, **05.01**
D875 Withdrawn 1985; Method for Calculating of Olefins and Aromatics in Petroleum Distillates from Bromine Number and Acid Absorption
D876-09 Test Methods for Nonrigid Vinyl Chloride Polymer Tubing Used for Electrical Insulation, **10.01**
D877-02(2007) Test Method for Dielectric Breakdown Voltage of Insulating Liquids Using Disk Electrodes, **10.03**
D878-01(2006) Test Method for Inorganic Chlorides and Sulfates in Insulating Oils, **10.03**
D879 Withdrawn 1982; Specification for Communication and Signal Pin-Type Lime-Glass Insulators
D880-92(2008) Test Method for Impact Testing for Shipping Containers and Systems, **15.10**
D881 Withdrawn 1995; Test Method for Deviation of Line of Sight Through Transparent Plastics
D882-09 Test Methods for Tensile Properties of Thin Plastic Sheeting, **08.01**
D883-08 Terminology Relating to Plastics, **08.01**
D884 Withdrawn 1962; Methods of Estimating Blocking of Plastic Sheets
D885M Withdrawn 1998; Replaced by D885
D885/D885M-10a Test Methods for Tire Cords, Tire Cord Fabrics, and Industrial Filament Yarns Made from Manufactured Organic-Base Fibers, **07.01**
D886 Withdrawn 1973; Methods of Impregnation & Penetration of Glass Yarn with Insulating Varnish
D887-08 Practices for Sampling Water-Formed Deposits, **11.02**
D888-09 Test Methods for Dissolved Oxygen in Water, **11.01**
D889-99(2009) Test Method for Volatile Oil in Rosin, **06.03**
D890-98(2008) Test Method for Water in Liquid Naval Stores, **06.03**
D891-09 Test Methods for Specific Gravity, Apparent, of Liquid Industrial Chemicals, **15.05**
D892-06$^{\varepsilon 1}$ Test Method for Foaming Characteristics of Lubricating Oils, **05.01**
D893-05a Test Method for Insolubles in Used Lubricating Oils, **05.01**
D894 Withdrawn 1950; Method of Test for Sulfur in Petroleum Products and Lubricating Oils by Bomb Method; Combined with D 129
D895 Withdrawn 1999; Test Method for Water Vapor Permeability of Packages
D896-04 Practice for Resistance of Adhesive Bonds to Chemical Reagents, **15.06**
D897-08 Test Method for Tensile Properties of Adhesive Bonds, **15.06**
D898 Withdrawn 2006; Test Method for Applied Weight Per Unit Area of Dried Adhesive Solids
D899-00(2007) Practice for Applied Weight Per Unit Area of Liquid Adhesive, **15.06**
D900 Withdrawn 1975; Methods of Test for Calorific Value of Gaseous Fuels by the Water-Flow Calorimeter
D901 Withdrawn 2004; Test Methods for Askarels
D902-06 Test Methods for Flexible Resin-Coated Glass Fabrics and Glass Fabric Tapes Used for Electrical Insulation, **10.01**
D903-98(2004) Test Method for Peel or Stripping Strength of Adhesive Bonds, **15.06**
D904-99(2008) Practice for Exposure of Adhesive Specimens to Artificial Light, **15.06**
D905-08$^{\varepsilon 1}$ Test Method for Strength Properties of Adhesive Bonds in Shear by Compression Loading, **15.06**
D906-98(2004) Test Method for Strength Properties of Adhesives in Plywood Type Construction in Shear by Tension Loading, **15.06**
D907-08b Terminology of Adhesives, **15.06**
D908 Withdrawn 1969; Method of Test for Knock Characteristics of Motor Fuels of 100 Octane Number and Below by the Research Method; Replaced by D2699
D909-07 Test Method for Supercharge Rating of Spark-Ignition Aviation Gasoline, **05.05**
D910-07a Specification for Aviation Gasolines, **05.01**
D911 Withdrawn 1994; Specification for Mercuric Oxide for Use in Antifouling Paints
D912 Withdrawn 2004; Specification for Cuprous Oxide for Use in Antifouling Paints
D913-03$^{\varepsilon 1}$ Test Method for Evaluating Degree of Resistance to Wear of Traffic Paint, **06.02**
D914-00(2006) Test Methods for Ethylcellulose, **06.03**
D915 Withdrawn 1987; Method of Testing Soil-Bituminous Mixtures
D916 Withdrawn 1964; Method of Test for Shear Strength of Flexible Road Surfaces, Subgrades, and Fills by the Burggraf Shear Apparatus
D917 Withdrawn 1981; Method of Test for Bleeding Resistance of Asphalted Paper at 65°C
D918-99(2008) Test Method for Blocking Resistance of Paper and Paperboard, **15.09**
D919 Withdrawn 2009; Test Method for Copper Number of Paper and Paperboard
D920 Withdrawn 1989; Method of Test for Blocking Resistance of Paper and Paperboard
D921 Withdrawn 1980; Method of Test for Titanium Dioxide in Paper
D922-00a(2006) Specification for Nonrigid Vinyl Chloride Polymer Tubing, **10.01**
D923-07 Practices for Sampling Electrical Insulating Liquids, **10.03**
D924-08 Test Method for Dissipation Factor (or Power Factor) and Relative Permittivity (Dielectric Constant) of Electrical Insulating Liquids, **10.03**
D925-06$^{\varepsilon 2}$ Test Methods for Rubber Property—Staining of Surfaces (Contact, Migration, and Diffusion), **09.01**
D926-08 Test Method for Rubber Property—Plasticity and Recovery (Parallel Plate Method), **09.01**
D927 Withdrawn 1959; Method of Test for Viscosity of Rubber and Rubber-Like Materials by the Shearing Disc Viscometer; Replaced by D1646
D928-03(2009) Specification for Sodium Bicarbonate, **15.04**
D929 Withdrawn 2001; Specification for Borax
D930 Withdrawn 2001; Test Method of Total Immersion Corrosion Test of Water-Soluble Aluminum Cleaners
D931 Withdrawn 1956; Method of Test for Thiophene in Benzene; Replaced by D1685
D932-85(2009) Test Method for Iron Bacteria in Water and Water-Formed Deposits, **11.02**
D933-84(2007) Practice for Reporting Results of Examination and Analysis of Water-Formed Deposits, **11.02**
D934-08 Practices for Identification of Crystalline Compounds in Water-Formed Deposits By X-Ray Diffraction, **11.02**
D935 Withdrawn 1968; Method of Corrosivity Test of Industrial Water; Replaced by D2688
D936 Withdrawn 1991; Test Method for Aromatic Hydrocarbons in Olefin-Free Gasolines by Silica Gel Absorption
D937-07 Test Method for Cone Penetration of Petrolatum, **05.01**
D938-05 Test Method for Congealing Point of XMAS Petroleum Waxes, Including Petrolatum, **05.01**
D939 Withdrawn 1963; Method of Test for Saponification Number by Potentiometric Titration
D940 Withdrawn 1949; Method of Test for Determination of Purity by Measurement of Freezing Points; Replaced by D1015, D1016
D941 Withdrawn 1993; Test Method for Density and Relative Density (Specific Gravity) of Liquids by Lipkin Bicapillary Pycnometer
D942-02(2007) Test Method for Oxidation Stability of Lubricating Greases by the Oxygen Pressure Vessel Method, **05.01**
D943-04a Test Method for Oxidation Characteristics of Inhibited Mineral Oils, **05.01**
D944 Withdrawn 1966; Specification for Mechanical Roll Felt; Replaced by D2475
D945-06 Test Methods for Rubber Properties in Compression or Shear (Mechanical Oscillograph), **09.01**
D946/D946M-09a Specification for Penetration-Graded Asphalt Cement for Use in Pavement Construction, **04.03**
D947 Withdrawn 1963; Specification for Hot-Mixed, Hot-Laid Asphaltic Concrete for Base and Surface Courses
D948 Withdrawn 1954; Method of Test for Weight Loss of Plastics on Heating; Replaced by E95
D949 Withdrawn 1949; Recommended Practice for Molding Test Specimens of Phenolic Materials
D950-03 Test Method for Impact Strength of Adhesive Bonds, **15.06**
D951-99(2004) Test Method for Water Resistance of Shipping Containers by Spray Method, **15.10**
D952-02 Test Method for Bond or Cohesive Strength of Sheet Plastics and Electrical Insulating Materials, **08.01**
D953-09 Test Method for Bearing Strength of Plastics, **08.01**

D954 Withdrawn 1962; Methods of Test for Apparent Density and Bulk Factor of Nonpouring Molding Powders
D955-08 Test Method of Measuring Shrinkage from Mold Dimensions of Thermoplastics, **08.01**
D956 Withdrawn 1992; Practice for Compression Molding Specimens of Amino Molding Compounds; Replaced by D5224
D957-06 Practice for Determining Surface Temperature of Molds for Plastics, **08.01**
D958 Withdrawn 1995; Practice for Determining Temperatures of Standard ASTM Molds for Test Specimens of Plastics; Replaced by D957
D959 Withdrawn 1993; Method of Drop Test for Filled Bags; Replaced by D5276
D960 Withdrawn 2007; Specification for Raw Castor Oil
D961 Withdrawn 2007; Specification for Dehydrated Castor Oil
D962-81(2008)$^{\epsilon 1}$ Specification for Aluminum Powder and Paste Pigments for Paints, **06.03**
D963 Withdrawn 1993; Specification for Copper Phthalocyanine Blue Pigment
D964-03(2008)$^{\epsilon 1}$ Specification for Metallic Copper Powder for Use in Antifouling Paints, **06.03**
D965 Withdrawn 1961; Specification for Heavy Petroleum Spirits (Heavy Mineral Spirits)
D966 Withdrawn 1982; Specification for Secondary Butyl Acetate (85 to 88% grade)
D967 Withdrawn 1951; Tentative Method of Testing Drying Oils; Replaced by D555
D968-05$^{\epsilon 1}$ Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive, **06.01**
D969-85(2003)$^{\epsilon 1}$ Test Method for Laboratory Determination of Degree of Bleeding of Traffic Paint, **06.02**
D970 Withdrawn 2003; Test Methods for Para Red and Toluidine Red Pigments
D971-99a(2004) Test Method for Interfacial Tension of Oil Against Water by the Ring Method, **10.03**
D972-02(2008) Test Method for Evaporation Loss of Lubricating Greases and Oils, **05.01**
D973 Withdrawn 1969; Test for Butadiene Content of Polymerization Grade Butadiene and Butadiene Concentrate
D974-08 Test Method for Acid and Base Number by Color-Indicator Titration, **05.01**
D975-09b Specification for Diesel Fuel Oils, **05.01**
D976-06 Test Method for Calculated Cetane Index of Distillate Fuels, **05.01**
D977-05 Specification for Emulsified Asphalt, **04.03**
D978 Withdrawn 1963; Specification for Asphaltic Mixtures for Sheet Asphalt Pavements
D979-01(2006)$^{\epsilon 1}$ Practice for Sampling Bituminous Paving Mixtures, **04.03**
D980 Withdrawn 1965; Method of Sampling and Analysis of Coal for Volatile Matter Determination in Connection with Smoke Ordinance
D981 Withdrawn 1974; Methods of Testing Analytical Filter Papers
D982-05(2009) Test Method for Organic Nitrogen in Paper and Paperboard, **10.01**
D983 Withdrawn 1981; Method of Test for Paraffin Wax Absorptiveness of Paper
D984-97(2007) Test Methods for Reducible Sulfur in Paper, **15.09**
D985-97(2007) Test Method for Brightness of Pulp, Paper, and Paperboard (Directional Reflectance at 457 nm), **15.09**
D986 Withdrawn 1966; Method of Preparation of Magnesium Oxide Standard for Spectral Reflectivity; Replaced by E259
D987 Withdrawn 1969; Method of Test for Stretch of Paper and Paper Products Under Tension
D988 Withdrawn 1958; Methods of Test for Water Vapor Permeability of Paper and Paperboard; Replaced by E96
D989 Withdrawn 1967; Method of Test for Detection of Free Sulfur in Electrical Insulating Oils; Replaced by D1275
D990 Withdrawn 1974; Recommended Practice for Interlaboratory Testing of Textile Materials; Replaced by D2904
D991-89(2010) Test Method for Rubber Property—Volume Resistivity Of Electrically Conductive and Antistatic Products, **09.01**
D992 Withdrawn 1984; Method of Test for Nitrate Ion in Water
D993 Withdrawn 1987; Method of Test for Sulfate-Reducing Bacteria in Water and Water-Formed Deposits; Replaced by D4412
D994-98(2003) Specification for Preformed Expansion Joint Filler for Concrete (Bituminous Type), **04.03**
D995 Withdrawn 2009; Specification for Mixing Plants for Hot-Mixed, Hot-Laid Bituminous Paving Mixtures
D996-04 Terminology of Packaging and Distribution Environments, **15.10**
D997 Withdrawn 1993; Method for Drop Test for Loaded Cylindrical Containers; Replaced by D5276
D998 Withdrawn 1999; Test Method for Penetration of Liquids into Submerged Loaded Shipping Containers
D999-08 Test Methods for Vibration Testing of Shipping Containers, **15.10**
D1000-10 Test Methods for Pressure-Sensitive Adhesive-Coated Tapes Used for Electrical and Electronic Applications, **10.01**
D1001 Withdrawn 1961; Specification for Sieve Analysis of Granular Mineral Surfacing for Asphalt Roofing and Shingles
D1002-05 Test Method for Apparent Shear Strength of Single-Lap-Joint Adhesively Bonded Metal Specimens by Tension Loading (Metal-to-Metal), **15.06**
D1003-07$^{\epsilon 1}$ Test Method for Haze and Luminous Transmittance of Transparent Plastics, **08.01**
D1004-09 Test Method for Tear Resistance (Graves Tear) of Plastic Film and Sheeting, **08.01**
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D1014-09 Practice for Conducting Exterior Exposure Tests of Paints and Coatings on Metal Substrates, **06.01**
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D1016-05$^{\epsilon 2}$ Test Method for Purity of Hydrocarbons from Freezing Points, **05.01**
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D1028 Withdrawn 1982; Test Method for Ply Separation (Wet) of Solid and Corrugated Fiberboard; Replaced by TAPPI T 812
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D1037-06a Test Methods for Evaluating Properties of Wood-Base Fiber and Particle Panel Materials, **04.10**
D1038-83(2005) Terminology Relating to Veneer and Plywood, **04.10**
D1039-94(2004) Test Methods for Glass-Bonded Mica Used as Electrical Insulation, **10.01**
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D1043-09 Test Method for Stiffness Properties of Plastics as a Function of Temperature by Means of a Torsion Test, **08.01**
D1044-08 Test Method for Resistance of Transparent Plastics to Surface Abrasion, **08.01**
D1045-08 Test Methods for Sampling and Testing Plasticizers Used in Plastics, **08.01**
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D1047-07 Specification for Poly(Vinyl Chloride) Jacket for Wire and Cable, **10.01**
D1048-05 Specification for Rubber Insulating Blankets, **10.03**
D1049-98(2002)$^{\epsilon 1}$ Specification for Rubber Insulating Covers, **10.03**
D1050-05$^{\epsilon 1}$ Specification for Rubber Insulating Line Hose, **10.03**
D1051-08 Specification for Rubber Insulating Sleeves, **10.03**
D1052-09 Test Method for Measuring Rubber Deterioration—Cut Growth Using Ross Flexing Apparatus, **09.01**
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D1054-02(2007) Test Method for Rubber Property—Resilience Using a Goodyear-Healey Rebound Pendulum, **09.01**
D1055-09 Specifications for Flexible Cellular Materials—Latex Foam, **08.01**

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D1058 Withdrawn 1963; Method of Test for Stretch of Hosiery
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D1060-10 Practice for Core Sampling of Raw Wool in Packages for Determination of Percentage of Clean Wool Fiber Present, **07.01**
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D1062-08 Test Method for Cleavage Strength of Metal-to-Metal Adhesive Bonds, **15.06**
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D1064 Withdrawn 2002; Test Methods for Iron in Rosin Tall Oil Fatty Acids And Other Related Products
D1065-96(2006) Test Method for Unsaponifiable Matter in Naval Stores, Including Rosin, Tall Oil, and Related Products, **06.03**
D1066-06 Practice for Sampling Steam, **11.01**
D1067-06 Test Methods for Acidity or Alkalinity of Water, **11.01**
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D1072-06 Test Method for Total Sulfur in Fuel Gases by Combustion and Barium Chloride Titration, **05.06**
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D1074-09 Test Method for Compressive Strength of Bituminous Mixtures, **04.03**
D1075-07 Test Method for Effect of Water on Compressive Strength of Compacted Bituminous Mixtures, **04.03**
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D1119-05(2009) Test Method for Percent Ash Content of Engine Coolants, **15.05**
D1120-08 Test Method for Boiling Point of Engine Coolants, **15.05**
D1121-07 Test Method for Reserve Alkalinity of Engine Coolants and Antirusts, **15.05**
D1122-08 Test Method for Density or Relative Density of Engine Coolant Concentrates and Engine Coolants By The Hydrometer, **15.05**
D1123-99(2009) Test Methods for Water in Engine Coolant Concentrate by the Karl Fischer Reagent Method, **15.05**
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D1145 Withdrawn 1987; Test Method for Sampling Natural Gas
D1146-00(2007) Test Method for Blocking Point of Potentially Adhesive Layers, **15.06**
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D1150 Withdrawn 1992; Single and Multi-Panel Forms for Recording Results of Exposure Tests of Paints
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D1152-06 Specification for Methanol (Methyl Alcohol), **06.04**
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D1154 Withdrawn 1957; Method of Test for Purity of Acetone and Methyl Ethyl Ketone
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D1159-07 Test Method for Bromine Numbers of Petroleum Distillates and

Commercial Aliphatic Olefins by Electrometric Titration, **05.01**
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D1169-09 Test Method for Specific Resistance (Resistivity) of Electrical Insulating Liquids, **10.03**
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D1177-07 Test Method for Freezing Point of Aqueous Engine Coolants, **15.05**
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D1204-08 Test Method for Linear Dimensional Changes of Nonrigid Thermoplastic Sheeting or Film at Elevated Temperature, **08.01**
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D1210-05 Test Method for Fineness of Dispersion of Pigment-Vehicle Systems by Hegman-Type Gage, **06.01**
D1211 Withdrawn 2006; Test Method for Temperature-Change Resistance of Clear Nitrocellulose Lacquer Films Applied to Wood
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D1223-93(2006) Test Method for Specular Gloss of Paper and Paperboard at 75°, **15.09**
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D1239-07 Test Method for Resistance of Plastic Films to Extraction by Chemicals, **08.01**
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D1252-06 Test Methods for Chemical Oxygen Demand (Dichromate Oxygen Demand) of Water, **11.02**
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D1264-03(2008) Test Method for Determining the Water Washout Characteristics of Lubricating Greases, **05.01**
D1265-05 Practice for Sampling Liquefied Petroleum (LP) Gases, Manual Method, **05.01**
D1266-07 Test Method for Sulfur in Petroleum Products (Lamp Method), **05.01**
D1267-02(2007) Test Method for Gage Vapor Pressure of Liquefied Petroleum (LP) Gases (LP-Gas Method), **05.01**
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D1289 Withdrawn 1969; Method of Test for Nonvolatile Matter (Total Solids) in Water-Emulsion Waxes; Replaced by D2834
D1290-95(2008) Test Method for Sediment in Water-Emulsion Polishes by Centrifuge, **15.04**
D1291-06 Practice for Estimation of Chlorine Demand of Water, **11.02**
D1292-05 Test Method for Odor in Water, **11.01**
D1293-99(2005) Test Methods for pH of Water, **11.01**
D1294-05 Test Method for Tensile Strength and Breaking Tenacity of Wool Fiber Bundles 1-in. (25.4-mm) Gage Length, **07.01**
D1295 Withdrawn 1978; Method of Test for Wrinkle Recovery of Textile Fabrics Using the Vertical Strip Apparatus
D1296-01(2007) Test Method for Odor of Volatile Solvents and Diluents, **06.04**
D1297 Withdrawn 1967; Method of Test for No-Dirt-Retention Time of Traffic Paint
D1298-99(2005) Test Method for Density, Relative Density (Specific Gravity), or API Gravity of Crude Petroleum and Liquid Petroleum Products by Hydrometer Method, **05.01**
D1299 Withdrawn 1992; Test Method for Shrinkage of Molded and Laminated Thermosetting Plastics at Elevated Temperature
D1300 Withdrawn 1963; Specification and Methods of Test for Laminated Thermosetting Decorative Sheets
D1301-91(2008) Test Methods for Chemical Analysis of White Lead Pigments, **06.03**
D1302 Withdrawn 1968; Method for Analysis of Carbureted Water Gas by the Mass Spectrometer
D1303 Withdrawn 1986; Method of Test for Total Chlorine in Vinyl Chloride Polymers and Copolymers
D1304-99(2005) Test Methods for Adhesives Relative to Their Use as Electrical Insulation, **15.06**
D1305-99(2009) Specification for Electrical Insulating Paper and Paperboard—Sulfate (Kraft) Layer Type, **10.01**
D1306 Withdrawn 2004; Test Method for Phthalic Anhydride Content of Alkyd Resins and Esters Containing Other Dibasic Acids (Gravimetric)
D1307 Withdrawn 1982; Method of Test for Phthalic Anhydride Content of Alkyd Resins and Esters Containing Other Dibasic Acids (Spectrophotometric)
D1308-02(2007) Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes, **06.02**
D1309-93(2004) Test Method for Settling Properties of Traffic Paints During Storage, **06.02**
D1310-01(2007) Test Method for Flash Point and Fire Point of Liquids by Tag Open-Cup Apparatus, **06.01**
D1311 Withdrawn 1968; Method of Test for Viscosity Reduction Power of Hydrocarbon Solvents
D1312 Withdrawn 2007; Test Methods for Apparent Free Phenols in Synthetic Phenolic Resins or Solutions Used for Coating Purposes
D1313 Withdrawn 1988; Method of Test for Sludge Formation in Mineral Transformer Oil by High-Pressure Oxidation Bomb
D1314 Withdrawn 1965; Method of Test for Sludge Formation in Mineral Transformer Oil by Sludge Accumulation; Replaced by D2440
D1315 Withdrawn 1981; Method of Test for Water in Insulating Oils by Extraction
D1316-06 Test Method for Fineness of Grind of Printing Inks By the NPIRI Grindometer, **06.02**
D1317 Withdrawn 1994; Test Method for Chlorine in New and Used Lubricants (Sodium Alcoholate Method)
D1318-00(2005) Test Method for Sodium in Residual Fuel Oil (Flame Photometric Method), **05.01**
D1319-08 Test Method for Hydrocarbon Types in Liquid Petroleum Products by Fluorescent Indicator Adsorption, **05.01**
D1320 Withdrawn 1991; Test Method for Tensile Strength of Paraffin Wax
D1321-04 Test Method for Needle Penetration of Petroleum Waxes, **05.01**
D1322-08 Test Method for Smoke Point of Kerosine and Aviation Turbine Fuel, **05.01**
D1323 Withdrawn 1980; Methods of Test for Mercaptan Sulfur in Aviation Turbine Fuels; Replaced by D3227
D1324 Withdrawn 2000; Specification for Modified Wood
D1325 Withdrawn 2006; Specification for Ammoniacal Copper Arsenate and Ammoniacal Copper Zinc Arsenate
D1326 Withdrawn 2006; Test Method for Chemical Analysis of Ammoniacal Copper Arsenate and Ammoniacal Copper Zinc Arsenate
D1327-04 Specification for Bitumen-Saturated Woven Burlap Fabrics Used in Roofing and Waterproofing, **04.04**
D1328 Withdrawn 1992; Test Method for Staining Properties of Asphalt; Replaced by D2746
D1329-08 Test Method for Evaluating Rubber Property—Retraction at Lower Temperatures (TR Test), **09.01**
D1330-04 Specification for Rubber Sheet Gaskets, **09.02**
D1331 Withdrawn 2010; Test Methods for Surface and Interfacial Tension of Solutions of Surface-Active Agents
D1332 Withdrawn 1972; Methods of Test for Build-Up and Spread of Glass Yarn As Wrap (Serving) or Braid Over Electrical Conductors; Replaced by D668
D1333 Withdrawn 1960; Methods of Testing Elastic Fabrics; Replaced by D1775
D1334-05(2009) Test Method for Wool Content of Raw Wool—Commercial Scale, **07.01**
D1335-05 Test Method for Tuft Bind of Pile Yarn Floor Coverings, **07.01**
D1336-07 Test Method for Distortion of Yarn in Woven Fabrics, **07.01**
D1337-04 Practice for Storage Life of Adhesives by Viscosity and Bond Strength, **15.06**
D1338-99(2005) Practice for Working Life of Liquid or Paste Adhesives by Consistency and Bond Strength, **15.06**
D1339 Withdrawn 1990; Test Methods for Sulfite Ion in Water
D1340 Withdrawn 1971; Method of Test for Oily Matter in Industrial Waste Water
D1341 Withdrawn 1974; Method for Determination of Thickness of Internal Deposits on Tubular Heat Exchange Surfaces
D1342 Withdrawn 2007; Test Method for Paraffin-Type Hydrocarbons in Carnauba Wax
D1343-95(2006) Test Method for Viscosity of Cellulose Derivatives by Ball-Drop Method, **06.03**
D1344 Withdrawn 1987; Methods of Testing Cross-Lap Specimens for Tensile Properties of Adhesives
D1345 Withdrawn 1985; Method of Test for Evaluating Acute Toxicity of Water to Fresh-Water Fishes
D1346 Withdrawn 1986; Methods of Testing Electrical Insulating Varnishes for 180°C and Above; Replaced by D115
D1347 Withdrawn 2003; Test Methods for Methylcellulose
D1348-94(2008) Test Methods for Moisture in Cellulose, **06.03**
D1349-09 Practice for Rubber—Standard Temperatures for Testing, **09.01**
D1350 Withdrawn 1965; Specification for Construction of Rubber Insulated Wire and Cable
D1351-08 Specification for Thermoplastic Polyethylene Insulation for Electrical Wire and Cable, **10.01**
D1352 Withdrawn 2006; Specification for Ozone-Resisting Butyl Rubber Insulation for Wire and Cable
D1353-09 Test Method for Nonvolatile Matter in Volatile Solvents for Use in Paint, Varnish, Lacquer, and Related Products, **06.04**
D1354 Withdrawn 1979; Method of Test for Concentration of Odorous Vapors (Adsorption Method)
D1355 Withdrawn 1980; Method of Continous Analysis and Automatic Recording of the Sulfur Dioxide Content of the Atmosphere
D1356-05(2010) Terminology Relating to Sampling and Analysis of Atmospheres, **11.07**
D1357-95(2005) Practice for Planning the Sampling of the Ambient Atmosphere, **11.07**
D1358 Withdrawn 2003; Test Method for Spectrophotometric Diene Value of Dehydrated Castor Oil and Its Derivatives
D1359 Withdrawn 1967; Method of Test for No-Smear Time of Traffic Paint

D1360-98(2004) Test Method for Fire Retardancy of Paints (Cabinet Method), **06.01**
D1361 Withdrawn 1977; Method of Test for Wire Retardancy of Points (Stick and Wick Method)
D1362 Withdrawn 1974; Method of Test for Alcohol Content of Ketones; Replaced by D2804
D1363-06 Test Method for Permanganate Time of Acetone and Methanol, **06.04**
D1364-02(2007) Test Method for Water in Volatile Solvents (Karl Fischer Reagent Titration Method), **06.04**
D1365 Withdrawn 1966; Method of Test for Color Difference Using Color Difference Meters of the Hunterlab or Gardner Types; Combined with D 2244
D1366-86(2007) Practice for Reporting Particle Size Characteristics of Pigments, **06.03**
D1367 Withdrawn 2006; Test Method for Lubricating Qualities of Graphites
D1368 Withdrawn 1994; Test Method for Trace Concentrations of Lead in Primary Reference Fuels
D1369-84(2006) Practice for Quantities of Materials for Bituminous Surface Treatments, **04.03**
D1370-00(2007) Test Method for Contact Compatibility Between Asphaltic Materials (Oliensis Test), **04.04**
D1371 Withdrawn 1983; Recommended Practice for Cleaning Plastic Specimens for Industrial Resistance, Surface Resistance, and Volume Resistivity Testing
D1372 Withdrawn 1980; Methods of Testing Package Cushioning Materials
D1373 Withdrawn 1987; Specification for Medium-Voltage Rubber Insulating Tape
D1374 Withdrawn 2000; Test Method of Aerated Total Immersion Corrosion Test for Metal Cleaners
D1375 Withdrawn 1977; Tests for Pilling Resistance and Other Related Surface Changes of Textile Fabrics; Replaced by D3511, D3512
D1376 Withdrawn 1980; Methods of Testing Warp Knit Fabrics; Replaced by D3887
D1377 Withdrawn 1960; Methods of Testing Wide Elastic Fabrics; Replaced by D1775
D1378 Withdrawn 1957; Methods of Test for Absorbency Time and Absorptive Capacity of Nonwoven Fabrics; Combined with D 1117
D1379 Withdrawn 1976; Abrasion Resistance of Textile Yarns
D1380 Withdrawn 1967; Methods of Testing Spun and Filament Yarns Made Wholly or in Part of Man-Made Organic Base Fibers; Replaced by D1422, D1423, D1907, D2256, D2257, D2494
D1381 Withdrawn 1981; Specification for Fineness of Mohair Top and Assignment of Grade; Replaced by D3992
D1382 Withdrawn 1991; Test Method for Susceptibility of Dry Adhesive Films to Attack by Roaches
D1383 Withdrawn 1991; Test Method for Susceptibility of Dry Adhesive Films to Attack by Laboratory Rats
D1384-05$^{\varepsilon 1}$ Test Method for Corrosion Test for Engine Coolants in Glassware, **15.05**
D1385-07 Test Method for Hydrazine in Water, **11.01**
D1386-10 Test Method for Acid Number (Empirical) of Synthetic and Natural Waxes, **15.04**
D1387-89(2007) Test Method for Saponification Number (Empirical) of Synthetic and Natural Waxes, **15.04**
D1388-08 Test Method for Stiffness of Fabrics, **07.01**
D1389-07 Test Method for Proof-Voltage Testing of Thin Solid Electrical Insulating Materials, **10.01**
D1390 Withdrawn 1989; Test Method for Rubber Property—Stress Relaxation in Compression
D1391 Withdrawn 1987; Method for Measurement of Odor in Atmospheres (Dilution Method)
D1392 Withdrawn 2007; Specification for Safflower Oil
D1393 Withdrawn 1977; Method of Test for Flash Point of Drying Oils
D1394-76(2009) Test Methods for Chemical Analysis of White Titanium Pigments, **06.03**
D1395 Withdrawn 1989; Test Method for Abrasion Resistance of Clear Floor Coatings
D1396 Withdrawn 2007; Test Methods for Chemical Analysis of Poly(Vinyl Butyral)
D1397 Withdrawn 2007; Test Method for Unsaponifiable Matter in Alkyd Resins and Resin Solutions
D1398 Withdrawn 2007; Test Method for Fatty Acid Content of Alkyd Resins and Alkyd Resin Solutions
D1399 Withdrawn 2005; Test Method for Unsaponifiable Contents of Tricresyl Phosphate
D1400 Withdrawn 2006; Test Method for Nondestructive Measurement of Dry Film Thickness of Nonconductive Coatings Applied to a Nonferrous Metal Base; Replaced by D7091
D1401-09 Test Method for Water Separability of Petroleum Oils and Synthetic Fluids, **05.01**
D1402 Withdrawn 1985; Method of Test for Effect of Copper on Oxidation Stability of Lubricating Greases by the Oxygen Bomb Method
D1403-02(2007) Test Methods for Cone Penetration of Lubricating Grease Using One-Quarter and One-Half Scale Cone Equipment, **05.01**
D1404/D1404M-99(2008) Test Method for Estimation of Deleterious Particles in Lubricating Grease, **05.01**
D1405/D1405M-08 Test Method for Estimation of Net Heat of Combustion of Aviation Fuels, **05.01**
D1406 Withdrawn 1996; Practice for Liquid Calibration of Tanks
D1407 Withdrawn 1996; Practice for Measurement and Calibration of Barge Tanks
D1408 Withdrawn 1996; Practice for Measurement and Calibration of Spherical and Spheroidal Tanks (Available as Separate Reprint Only)
D1409 Withdrawn 1996; Practice for Measurement and Calibration of Tank Car Tanks
D1410 Withdrawn 1996; Practice for Measurement and Calibration of Stationary Horizontal Tanks
D1411-09 Test Methods for Water-Soluble Chlorides Present as Admixtures in Graded Aggregate Road Mixes, **04.08**
D1412-07 Test Method for Equilibrium Moisture of Coal at 96 to 97 Percent Relative Humidity and 30°C, **05.06**
D1413-07$^{\varepsilon 1}$ Test Method for Wood Preservatives by Laboratory Soil-Block Cultures, **04.10**
D1414-94(2008) Test Methods for Rubber O-Rings, **09.02**
D1415-06 Test Method for Rubber Property—International Hardness, **09.01**
D1416 Withdrawn 1996; Test Methods for Rubber from Synthetic Sources—Chemical Analysis; Replaced by D5667
D1417-10 Test Methods for Rubber Latices—Synthetic, **09.01**
D1418-10 Practice for Rubber and Rubber Latices—Nomenclature, **09.01**
D1419 Withdrawn 1964; Recommended Practice for Description of Types of Styrene Butadiene Rubbers (SBR) and Butadiene Rubbers (BR)
D1420 Withdrawn 1964; Recommended Practice for Description of Types of Styrene Butadiene Rubber (SBR) and Butadiene Rubbers (BR) Latices
D1421 Withdrawn 1977; Recommended Practice for Interlaboratory Testing of Rubber and Rubber-Like Materials
D1422-99(2008) Test Method for Twist in Single Spun Yarns by the Untwist-Retwist Method, **07.01**
D1423-02(2008) Test Method for Twist in Yarns by Direct-Counting, **07.01**
D1424-09 Test Method for Tearing Strength of Fabrics by Falling-Pendulum (Elmendorf-Type) Apparatus, **07.01**
D1425 Withdrawn 2005; Test Method for Unevenness of Textile Strands Using Capacitance Testing Equipment
D1425/D1425M-09 Test Method for Unevenness of Textile Strands Using Capacitance Testing Equipment, **07.01**
D1426-08 Test Methods for Ammonia Nitrogen In Water, **11.01**
D1427 Withdrawn 1982; Methods of Test for Residual Chlorine in Waste Water
D1428 Withdrawn 1990; Test Methods for Sodium and Potassium in Water and Water-Formed Deposits by Flame Photometry
D1429-08 Test Methods for Specific Gravity of Water and Brine, **11.01**
D1430-03(2008) Classification System for Polychlorotrifluoroethylene (PCTFE) Plastics, **08.01**
D1431 Withdrawn 1985; Specification for Styrene-Acrylonitrile Copolymer Molding and Extrusion Materials; Replaced by D4203
D1432 Withdrawn 1964; Specification for Nonrigid Vinyl Chloride Polymer and Copolymer Extrusion Compounds; Replaced by D2287
D1433 Withdrawn 1987; Method of Test for Rate of Burning and or Extent and Time of Burning of Flexible Thin Plastic Sheeting Supported on a 45° Incline
D1434-82(2009)$^{\varepsilon 1}$ Test Method for Determining Gas Permeability Characteristics of Plastic Film and Sheeting, **15.10**
D1435-05 Practice for Outdoor Weathering of Plastics, **08.01**
D1436-97(2008) Test Methods for Application of Emulsion Floor Polishes to Substrates for Testing Purposes, **15.04**
D1437 Withdrawn 1985; Method of Test for Flash Point of Solvent-Type Liquid Waxes
D1438 Withdrawn 1960; Method of Test for Pentosans in Cellulose (Aniline Acetate Colorimetric Method); Replaced by D1787
D1439-03(2008)$^{\varepsilon 1}$ Test Methods for Sodium Carboxymethylcellulose, **06.03**
D1440-07 Test Method for Length and Length Distribution of Cotton Fibers (Array Method), **07.01**
D1441-06 Practice for Sampling Cotton Fibers for Testing, **07.01**
D1442-06 Test Method for Maturity of Cotton Fibers (Sodium Hydroxide Swelling and Polarized Light Procedures), **07.01**
D1443 Withdrawn 1964; Method of Test for Maturity of Cotton Fibers (Random Sample-Sodium Hydroxide Swelling Method); Replaced by D1442
D1444 Withdrawn 1979; Method of Test for Cross-Sectional Characteristics of Cotton Fibers
D1445-05 Test Method for Breaking Strength and Elongation of Cotton Fibers (Flat Bundle Method), **07.01**
D1446 Withdrawn 1978; Method of Test for Number of Neps in Cotton Samples
D1447-07$^{\varepsilon 1}$ Test Method for Length and Length Uniformity of Cotton Fibers by Photoelectric Measurement, **07.01**
D1448-05 Test Method for Micronaire Reading of Cotton Fibers, **07.01**
D1449 Withdrawn 1978; Method of Test for Specific Area and Immaturity Ratio of Cotton Fibers (Arealometer Method)
D1450 Withdrawn 1968; Method of Test for Maturity of Cotton Fibers (Polarized-Light Method); Replaced by D1442
D1451 Withdrawn 1969; Method of Test for Non-Lint Content of Cotton (Shirley Analyzer Method); Replaced by D2812
D1452-09 Practice for Soil Exploration and Sampling by Auger Borings, **04.08**
D1453 Withdrawn 1967; Tolerances for Spun Rayon and Acetate Yarns; Replaced by D4645
D1454 Withdrawn 1967; Tolerances for Yarns Spun from Mixed Fibers; Replaced by D4644, D4645
D1455-87(2008) Test Method for 60° Specular Gloss of Emulsion Floor Polish, **15.04**

D1456-86(2010) Test Method for Rubber Property—Elongation at Specific Stress, **09.01**
D1457 Withdrawn 1996; Specification for Polytetrafluoroethylene (PTFE) Molding and Extrusion Materials; Replaced by D4894, D4895
D1458-01(2007) Test Methods for Fully Cured Silicone Rubber-Coated Glass Fabric and Tapes for Electrical Insulation, **10.01**
D1459 Withdrawn 2009; Specification for Silicone Varnished Glass Cloth and Tape for Electrical Insulation
D1460-86(2010) Test Method for Rubber Property—Change in Length During Liquid Immersion, **09.01**
D1461-85(2006) Test Method for Moisture or Volatile Distillates in Bituminous Paving Mixtures, **04.03**
D1462 Withdrawn 2007; Specification for Refined Soybean Oil
D1463 Withdrawn 1989; Specification for Biaxially Oriented Styrene Plastics Sheet
D1464-07 Test Method for Differential Dyeing Behavior of Cotton, **07.01**
D1465-04 Test Method for Blocking and Picking Points of Petroleum Wax, **05.01**
D1466 Withdrawn 2003; Test Method for Sampling Liquid Oils and Fatty Acids Commonly Used in Paints, Varnishes, and Related Materials
D1467 Withdrawn 2003; Guide for Testing Fatty Acids Used in Protective Coatings
D1468 Withdrawn 2005; Test Method for Volatile Matter in Tricresyl Phosphate
D1469 Withdrawn 2003; Test Method for Total Rosin Acids Content of Coating Vehicles
D1470 Withdrawn 1962; Method of Test for Dimensional Change of Knit Fabrics
D1471 Withdrawn 1976; Method of Test for Two-Parameter, 60° Specular Gloss
D1472 Withdrawn 1972; Method of Test for Set Time for Thermosetting Phenol-Formaldehyde Varnishes
*D1473 Withdrawn 1988; Method of Test for 2,6-ditertiary-*Butyl *para-*Cresol in Electrical Insulating Oils
D1474-98(2008) Test Methods for Indentation Hardness of Organic Coatings, **06.01**
D1475-98(2008) Test Method For Density of Liquid Coatings, Inks, and Related Products, **06.01**
D1476-02(2007) Test Method for Heptane Miscibility of Lacquer Solvents, **06.04**
D1477 Withdrawn 1967; Method of Test for Freezing Point of Aviation Fuels; Replaced by D2386
D1478-07 Test Method for Low-Temperature Torque of Ball Bearing Grease, **05.01**
D1479 Withdrawn 1988; Method of Test for Emulsion Stability of Soluble Cutting Oils
D1480-07 Test Method for Density and Relative Density (Specific Gravity) of Viscous Materials by Bingham Pycnometer, **05.01**
D1481-02(2007) Test Method for Density and Relative Density (Specific Gravity) of Viscous Materials by Lipkin Bicapillary Pycnometer, **05.01**
D1482 Withdrawn 1966; Method of Test for Color Difference Using the General Electric Spectrophotometer; Combined with D 2244
D1483-95(2007) Test Method for Oil Absorption of Pigments by Gardner-Coleman Method, **06.01**
D1484 Withdrawn 1965; Method of Test for Penetration of Hard Rubber by Type D Durometer; Replaced by D2240
D1485-07 Practice for Rubber from Natural Sources—Sampling and Sample Preparation, **09.01**
D1486 Withdrawn 1968; Methods of Testing Tufted Pile Floor Coverings
D1487 Withdrawn 1962; Method of Test for Shrinkage in Laundering and Dimensional Restorability of Warp Knit Fabrics
D1488-00(2006) Test Method for Amylaceous Matter in Adhesives, **15.06**
D1489-09 Test Method for Nonvolatile Content of Aqueous Adhesives, **15.06**
D1490-01(2006) Test Method for Nonvolatile Content of Urea-Formaldehyde Resin Solutions, **15.06**
D1491 Withdrawn 1986; Method of Test for Bromine Index of Aromatic Hydrocarbons by Potentiometric Titration
D1492-08 Test Method for Bromine Index of Aromatic Hydrocarbons by Coulometric Titration, **06.04**
D1493 Withdrawn 2004; Test Method for Solidification Point of Industrial Organic Chemicals
D1494-97(2008)$^{\varepsilon 1}$ Test Method for Diffuse Light Transmission Factor of Reinforced Plastics Panels, **08.03**
D1495 Withdrawn 1966; Method of Test for Color Difference Using the Color Eye; Combined with D 2244
D1496 Withdrawn 1975; Methods of Sampling Homogenous Waste Water; Replaced by D3370
D1497 Withdrawn 1962; Method of Test for Iron in High-Purity Industrial Water; Replaced by D1068
D1498-08 Test Method for Oxidation-Reduction Potential of Water, **11.01**
D1499-05 Practice for Filtered Open-Flame Carbon-Arc Exposures of Plastics, **08.01**
D1500-07 Test Method for ASTM Color of Petroleum Products (ASTM Color Scale), **05.01**
D1501 Withdrawn 1981; Recommended Practice for Exposure of Plastics to Fluorescent Sunlamp
D1502 Withdrawn 1984; Method of Test for Transverse Load of Corrugated Reinforced Plastic Panels
D1503 Withdrawn 1964; Specification for Cellulose Acetate Butyrate (CAB) Plastic Pipe, Schedule 40
D1504 Withdrawn 1989; Recommended Practice for Determining Orientation Release Stress of Plastic Sheeting
D1505-03 Test Method for Density of Plastics by the Density-Gradient Technique, **08.01**
D1506-99(2007) Test Methods for Carbon Black—Ash Content, **09.01, 09.01**
D1507 Withdrawn 1960; Method of Test for Attrition of Pelleted Carbon Black
D1508-02(2007)$^{\varepsilon 1}$ Test Method for Carbon Black, Pelleted Fines and Attrition, **09.01**
D1509-95(2007) Test Methods for Carbon Black—Heating Loss, **09.01**
D1510-09b Test Method for Carbon Black—Iodine Adsorption Number, **09.01**
D1511-00(2006) Test Method for Carbon Black—Pellet Size Distribution, **09.01**
D1512-05 Test Methods for Carbon Black—pH Value, **09.01**
D1513-05$^{\varepsilon 1}$ Test Method for Carbon Black, Pelleted—Pour Density, **09.01**
D1514-04 Test Method for Carbon Black—Sieve Residue, **09.01**
D1515 Withdrawn 1970; Method of Test for Area of Leather
D1516-05 Test Method for Width of Leather, **15.04**
D1517-06 Terminology Relating to Leather, **15.04**
D1518-85(2003) Test Method for Thermal Transmittance of Textile Materials, **07.01**
D1519-95(2009) Test Methods for Rubber Chemicals—Determination of Melting Range, **09.01**
D1520 Withdrawn 1984; Specification for Synthetic Rubber Heat- or Moisture-Resisting Insulation for Wire and Cable; Replaced by D1679
D1521 Withdrawn 1976; Specification for Synthetic Rubber Performance, Moisture-Resisting Insulation for Wire and Cable
D1522 Withdrawn 1963; Methods for Testing Carbon Blacks in Natural Rubber
D1523-00(2006) Specification for Synthetic Rubber Insulation for Wire and Cable, 90°C Operation, **10.01**
D1524-94(2004) Test Method for Visual Examination of Used Electrical Insulating Oils of Petroleum Origin in the Field, **10.03**
D1525-09 Test Method for Vicat Softening Temperature of Plastics, **08.01**
D1526 Withdrawn 1964; Method of Test for Determination of Bierbaum Scratch Hardness of Plastic Materials
D1527-99(2005) Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80, **08.04**
D1528 Withdrawn 1964; Specification for Dimensions of Solvent Welded (SWP Size) Extruded Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe
D1529 Withdrawn 1966; Specification and Methods of Test for Random Chopped-Glass Fiber Mats for Reinforced Plastics
D1530 Withdrawn 1962; Method of Test for Tensile Modulus of Elasticity of Thin Plastic Sheeting; Combined with D 882
D1531-06 Test Methods for Relative Permittivity (Dielectric Constant) and Dissipation Factor by Fluid Displacement Procedures, **10.01**
D1532 Withdrawn 1992; Specification for Polyester Glass-Mat Sheet Laminate; Replaced by D709
D1533-00(2005) Test Method for Water in Insulating Liquids by Coulometric Karl Fischer Titration, **10.03**
D1534-95(2008) Test Method for Approximate Acidity in Electrical Insulating Liquids by Color-Indicator Titration, **10.03**
D1535-08 Practice for Specifying Color by the Munsell System, **06.01**
D1536 Withdrawn 1966; Method of Test for Color Difference Using the Colormaster Differential Calorimeter; Combined with D 2244
D1537 Withdrawn 2007; Specification for Distilled Soybean Fatty Acids
D1538 Withdrawn 2007; Specification for Distilled Linseed Fatty Acids
D1539 Withdrawn 2007; Specification for Dehydrated Castor Acids
D1540 Withdrawn 1992; Practice for Effect of Chemical Agents on Organic Finishes Used in the Transportation Industry
D1541 Withdrawn 2006; Test Method for Total Iodine Value of Drying Oils and Their Derivatives
D1542 Withdrawn 1997; Test Method for Qualitative Detection of Rosin in Varnishes
D1543 Withdrawn 1992; Test Method for Color Permeance of White Architectural Enamels
D1544-04 Test Method for Color of Transparent Liquids (Gardner Color Scale), **06.01**
D1545-07 Test Method for Viscosity of Transparent Liquids by Bubble Time Method, **06.01**
D1546 Withdrawn; Practice for Testing the Performance of Clear Floor Sealers
D1547 Withdrawn 1990; Specification for Extruded Acrylic Plastic Sheet
D1548 Withdrawn 1997; Test Method for Vanadium in Navy Special Fuel Oil
D1549 Withdrawn 1985; Method of Test for Zinc in Lubricating Oils and Additives (Polarographic Method)
D1550-94(2009) Standard ASTM Butadiene Measurement Tables, **05.01**
D1551 Withdrawn 1977; Method of Test for Sulfur in Petroleum Oils (Quartz-Tube Method)
D1552-08 Test Method for Sulfur in Petroleum Products (High-Temperature Method), **05.01**
D1553 Withdrawn 1991; Method for Analysis of Graphites Used as Lubricants
D1554-01(2005) Terminology Relating to Wood-Base Fiber and Particle Panel Materials, **04.10**
D1555-09 Test Method for Calculation of Volume and Weight of Industrial Aromatic Hydrocarbons and Cyclohexane, **06.04**
D1555M-08$^{\varepsilon 1}$ Test Method for Calculation of Volume and Weight of Industrial Aromatic Hydrocarbons and Cyclohexane [Metric], **06.04**
D1556-07 Test Method for Density and Unit Weight of Soil in Place by Sand-Cone Method, **04.08**
D1557-09 Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft^3 (2,700 kN-m/m^3)), **04.08**
D1558-99(2004)$^{\varepsilon 1}$ Test Method for Moisture Content Penetration Resistance Relationships of Fine-Grained Soils, **04.08**

D1559 Withdrawn 1998; Test Method for Resistance to Plastic Flow of Bituminous Mixtures Using Marshall Apparatus
D1560-09a Test Methods for Resistance to Deformation and Cohesion of Bituminous Mixtures by Means of Hveem Apparatus, **04.03**
D1561-92(2005)$^{\varepsilon 1}$ Practice for Preparation of Bituminous Mixture Test Specimens by Means of California Kneading Compactor, **04.03**
D1562-09 Classification System and Basis for Specification for Cellulose Acetate Propionate Molding and Extrusion Compounds, **08.01**
D1563 Withdrawn 1985; Method of Test for Peroxide Number of Mineral Insulating Oils
D1564 Withdrawn 1979; Testing Flexible Cellular Materials—Slab Urethane Foam; Replaced by D3574
D1565 Withdrawn 1998; Specification for Flexible Cellular Materials—Vinyl Chloride Polymers and Copolymers (Open-Cell Foam)
D1566-10$^{\varepsilon 1}$ Terminology Relating to Rubber, **09.01**
D1567 Withdrawn 2000; Test Method for Detergent Cleaners for Evaluation of Corrosive Effects on Certain Porcelain Enamels
D1568-05 Test Methods for Sampling and Chemical Analysis of Alkylbenzene Sulfonates, **15.04**
D1569-05 Test Methods for Detergent Alkylate, **15.04**
D1570-95(2009) Test Methods for Sampling and Chemical Analysis of Fatty Alkyl Sulfates, **15.04**
D1571/D1571M-95(2009)$^{\varepsilon 1}$ Specification for Woven Asbestos Cloth, **04.05**
D1572 Withdrawn 1962; Specification and Methods of Test for Industrial Asbestos Tapes
D1573/D1573M-95(2009)$^{\varepsilon 1}$ Test Method for Heat Aging of Asbestos Textiles, **04.05**
D1574-04(2008) Test Method for Extractable Matter in Wool and Other Animal Fibers, **07.01**
D1575-90(2008) Test Method for Fiber Length of Wool in Scoured Wool and in Card Sliver, **07.01**
D1576-90(2008) Test Method for Moisture in Wool by Oven-Drying, **07.01**
D1577-07 Test Methods for Linear Density of Textile Fibers, **07.01**
D1578-93(2006)$^{\varepsilon 1}$ Test Method for Breaking Strength of Yarn in Skein Form, **07.01**
D1579-01(2008) Test Method for Filler Content of Phenol, Resorcinol, and Melamine Adhesives, **15.06**
D1580 Withdrawn 1992; Specification for Liquid Adhesives for Automatic Machine Labeling of Glass Bottles
D1581 Withdrawn 1992; Test Method for Bonding Permanency of Water- or Solvent-Soluble Liquid Adhesives for Labeling Glass Bottles
D1582-98(2004) Test Method for Nonvolatile Content of Liquid Phenol, Resorcinol, and Melamine Adhesives, **15.06**
D1583-01(2008) Test Method for Hydrogen Ion Concentration of Dry Adhesive Films, **15.06**
D1584 Withdrawn 1992; Test Method for Water Absorptiveness of Paper Labels
D1585-96(2006) Test Methods for Fatty Acids Content of Naval Stores, Including Rosin, Tall Oil, and Related Products, **06.03**
D1586-08a Test Method for Standard Penetration Test (SPT) and Split-Barrel Sampling of Soils, **04.08**
D1587-08 Practice for Thin-Walled Tube Sampling of Soils for Geotechnical Purposes, **04.08**
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D1589 Withdrawn 1981; Methods of Test for Dissolved Oxygen in Waste Water
D1590 Withdrawn 1995; Test Method for Surface Tension of Water
D1591 Withdrawn 1967; Method of Test for Effect of Water in Tubular Heat Exchangers
D1592 Withdrawn 1962; Specification for Glass Fabric Reinforced Epoxy Resin Laminates; Combined with D 709
D1593-09 Specification for Nonrigid Vinyl Chloride Plastic Film and Sheeting, **08.01**
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D1595 Withdrawn 1960; Specification for Polymethylstyrene Molding and Extrusion Material
D1596-97(2003) Test Method for Dynamic Shock Cushioning Characteristics of Packaging Material, **15.10**
D1597 Withdrawn 1984; Method of Test for Melamine Content of Nitrogen Resins
D1598-02(2009) Test Method for Time-to-Failure of Plastic Pipe Under Constant Internal Pressure, **08.04**
D1599-99(2005) Test Method for Resistance to Short-Time Hydraulic Pressure of Plastic Pipe, Tubing, and Fittings, **08.04**
D1600-08 Terminology for Abbreviated Terms Relating to Plastics, **08.01**
D1601-99(2004) Test Method for Dilute Solution Viscosity of Ethylene Polymers, **08.01**
D1602 Withdrawn 1989; Test Method for Bearing Load of Corrugated Reinforced Plastics Panels
D1603-06 Test Method for Carbon Black Content in Olefin Plastics, **08.01**
D1604 Withdrawn 1982; Method for Measurement of Flatness of Plasitcs Sheet or Tubing
D1605 Withdrawn 1992; Practices for Sampling Atmospheres for Analysis of Gases and Vapors
D1606 Withdrawn 1977; Method of Test for Inorganic Fluoride in the Atmosphere; Replaced by D32666, D3267, D3268, D3269, D3270
D1607-91(2005) Test Method for Nitrogen Dioxide Content of the Atmosphere (Griess-Saltzman Reaction), **11.07**
D1608-98(2009) Test Method for Oxides of Nitrogen in Gaseous Combustion Products (Phenol-Disulfonic Acid Procedures), **11.07**
D1609 Withdrawn 1982; Method of Test for Oxidant Ozone Content of the Atmosphere
D1610-01(2007) Practice for Conditioning Leather and Leather Products for Testing, **15.04**
D1611-00(2010) Test Method for Corrosion Produced by Leather in Contact with Metal, **15.04**
D1612-05 Test Method for Acetone in Methanol, **06.04**
D1613-06 Test Method for Acidity in Volatile Solvents and Chemical Intermediates Used in Paint, Varnish, Lacquer, and Related Products, **06.04**
D1614-09 Test Method for Alkalinity in Acetone, **06.04**
D1615 Withdrawn 2004; Test Methods for Glycerol, Ethylene Glycol, and Pentaerythritol in Alkyd Resins
D1616 Withdrawn 1982; Method of Test for Copper Corrosion by Mineral Spirits (Copper Strip Test); Replaced by D130
D1617-07 Test Method for Ester Value of Solvents and Thinners, **06.04**
D1618-99(2004) Test Method for Carbon Black Extractables—Transmittance o Toluene Extract, **09.01**
D1619-03(2008) Test Methods for Carbon Black—Sulfur Content, **09.01**
D1620 Withdrawn 1973; Method of Test for Volatile Content of Carbon Black
D1621-04a Test Method for Compressive Properties of Rigid Cellular Plastics, **08.01**
D1622-08 Test Method for Apparent Density of Rigid Cellular Plastics, **08.01**
D1623-09 Test Method for Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics, **08.01**
D1624 Withdrawn 2006; Specification for Acid Copper Chromate
D1625 Withdrawn 2006; Specification for Chromated Copper Arsenate
D1626 Withdrawn 1970; Specification for Chromated Zinc Arsenate
D1627 Withdrawn 2006; Test Methods for Chemical Analysis of Acid Copper Chromate
D1628 Withdrawn 2006; Test Methods for Chemical Analysis of Chromated Copper Arsenate
D1629 Withdrawn 1970; Method for Chemical Analysis of Chromated Zinc Arsenate
D1630-06 Test Method for Rubber Property—Abrasion Resistance (Footwear Abrader), **09.01**
D1631-99(2004) Test Method for Water in Phenol and Related Materials by the Iodine Reagent Method, **06.04**
D1632-07 Practice for Making and Curing Soil-Cement Compression and Flexure Test Specimens in the Laboratory, **04.08**
D1633-00(2007) Test Methods for Compressive Strength of Molded Soil-Cement Cylinders, **04.08**
D1634-00(2006) Test Method for Compressive Strength of Soil-Cement Using Portions of Beams Broken in Flexure (Modified Cube Method), **04.08**
D1635-00(2006) Test Method for Flexural Strength of Soil-Cement Using Simple Beam with Third-Point Loading, **04.08**
D1636-99(2004)$^{\varepsilon 1}$ Specification for Allyl Molding Compounds, **08.01**
D1637 Withdrawn 1990; Test Method for Tensile Heat Distortion Temperature of Plastic Sheeting
D1638 Withdrawn 1991; Methods of Testing Urethane Foam Isocyanate Raw Materials
D1639 Withdrawn 2005; Test Method for Acid Value of Organic Coating Materials
D1640-03(2009) Test Methods for Drying, Curing, or Film Formation of Organic Coatings at Room Temperature, **06.01**
D1641-04 Practice for Conducting Outdoor Exposure Tests of Varnishes, **06.02**
D1642 Withdrawn 1999; Test Methods for Elasticity or Toughness of Varnishes
D1643 Withdrawn 1993; Test Methods for Gas Checking and Draft Test of Varnish Films
D1644-01(2006) Test Methods for Nonvolatile Content of Varnishes, **06.01**
D1645 Withdrawn 1970; Method of Test for Print Resistance of Varnishes; Replaced by D1640
D1646-07 Test Methods for Rubber—Viscosity, Stress Relaxation, and Pre-Vulcanization Characteristics (Mooney Viscometer), **09.01**
D1647 Withdrawn 2004; Test Methods for Resistance of Dried Films of Varnishes to Water and Alkali
D1648-86(2008) Specification for Basic Lead Silicochromate Pigment, **06.03**
D1649-01(2006) Specification for Strontium Chromate Pigment, **06.03**
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D1651 Withdrawn 1982; Method of Test for Phthalic Acid Isomers and Benzoi Acid in Alkyd Resins and Esters
D1652-04 Test Method for Epoxy Content of Epoxy Resins, **06.03**
D1653-03(2008) Test Methods for Water Vapor Transmission of Organic Coating Films, **06.01**
D1654-08 Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments, **06.01**
D1655-09 Specification for Aviation Turbine Fuels, **05.01**
D1656 Withdrawn 1969; Method of Test for Knock Characteristics of Motor Fuels Above 100 Octane Number by the Research Method; Replaced by D2699
D1657-02(2007) Test Method for Density or Relative Density of Light Hydrocarbons by Pressure Hydrometer, **05.01**
D1658 Withdrawn 1984; Method of Test for Carbon Number Distribution of Aromatic Compounds in Naphthas by Mass Spectrometry
D1659 Withdrawn 1984; Method of Test for Maximum Fluidity Temperature of Residual Fuel Oil

D1660 Withdrawn 1992; Test Method for Thermal Stability of Aviation Turbine Fuels; Replaced by D3241
D1661 Withdrawn 1990; Test Method for Thermal Stability of U. S. Navy Special Fuel Oil
D1662-08 Test Method for Active Sulfur in Cutting Oils, **05.01**
D1663 Withdrawn 1976; Specification for Hot-Mixed, Hot-Laid Asphalt Paving Mixtures; Replaced by D3515
D1664 Withdrawn 1992; Test Method for Coating and Stripping of Bitumen-Aggregate Mixtures
D1665-98(2009) Test Method for Engler Specific Viscosity of Tar Products, **04.03**
D1666-87(2004) Test Methods for Conducting Machining Tests of Wood and Wood-Base Materials, **04.10**
D1667-05 Specification for Flexible Cellular Materials—Poly (Vinyl Chloride) Foam (Closed-Cell), **08.01**
D1668-97a(2006) Specification for Glass Fabrics (Woven and Treated) for Roofing and Waterproofing, **04.04**
D1669-07 Practice for Preparation of Test Panels for Accelerated and Outdoor Weathering of Bituminous Coatings, **04.04**
D1670-04 Test Method for Failure End Point in Accelerated and Outdoor Weathering of Bituminous Materials, **04.04**
D1671 Withdrawn 1984; Method of Test for Absorbed Gamma Radiation Dose in the Fricke Dosimeter; Replaced by E1026
D1672 Withdrawn 1984; Recommended Practices for Exposure of Polymeric Materials to High-Energy Radiation; Replaced by E1027
D1673 Withdrawn 2006; Test Methods for Relative Permittivity And Dissipation Factor of Expanded Cellular Polymers Used For Electrical Insulation
D1674 Withdrawn 1992; Methods of Testing Polymerizable Embedding Compounds Used for Electrical Insulation
D1675-03 Test Methods for Polytetrafluoroethylene Tubing, **10.01**
D1676-03 Test Methods for Film-Insulated Magnet Wire, **10.01**
D1677-02(2007) Methods for Sampling and Testing Untreated Mica Paper Used for Electrical Insulation, **10.01**
D1678 Withdrawn 1962; Methods of Testing Flexible Vinyl Plastic Coated Sleeving Used for Electrical Insulation
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D1681-05 Test Method for Synthetic Anionic Active Ingredient in Detergents by Cationic Titration Procedure, **15.04**
D1682 Withdrawn 1992; Test Methods for Breaking Load and Elongation of Textile Fabric; Replaced by D5034 and D5035
D1683-07 Test Method for Failure in Sewn Seams of Woven Apparel Fabrics, **07.01**
D1684-07 Practice for Lighting Cotton Classing Rooms for Color Grading, **07.01**
D1685 Withdrawn 2009; Test Method for Traces of Thiophene in Benzene by Spectrophotometry
D1686-96(2004) Test Method for Color of Solid Aromatic Hydrocarbons and Related Materials in the Molten State (Platinum-Cobalt Scale), **06.04**
D1687-02(2007)$^{\varepsilon 1}$ Test Methods for Chromium in Water, **11.01**
D1688-07 Test Methods for Copper in Water, **11.01**
D1689 Withdrawn 1964; Method of Test for Silica in High-Purity Water; Combined with D 859
D1690 Withdrawn 1981; Test for Gamma Radioactivity of Water
D1691-02(2007)$^{\varepsilon 1}$ Test Methods for Zinc in Water, **11.01**
D1692 Withdrawn 1978; Method of Test for Rate of Burning or Extent and Time of Burning of Cellular Plastics Using a Specimen Supported by a Horizontal Screen
D1693-08 Test Method for Environmental Stress-Cracking of Ethylene Plastics, **08.01**
D1694 Withdrawn 2005; Specification for Threads 60° (Stub) for Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe
D1695-07 Terminology of Cellulose and Cellulose Derivatives, **06.03**
D1696-95(2006) Test Method for Solubility of Cellulose in Sodium Hydroxide, **06.03**
D1697 Withdrawn 1974; Method of Sampling Casein and Similar Protein Materials
D1698-03(2008) Test Method for Sediments and Soluble Sludge in Service-Aged Insulating Oils, **10.03**
D1699 Withdrawn 1967; Method of Test for Bond Strength of Leather Belting
D1700 Withdrawn 1963; Specification for Low Voltage Rubber Insulating Gloves; Combined with D 120
D1701 Withdrawn 2000; Test Methods for Scavenger Content of Askarels
D1702 Withdrawn 1991; Method for Visual Examination of Used Chlorinated Aromatic Hydrocarbons (Askarels) in the Field
D1703 Withdrawn 1982; Recommended Practice for Presentation of Capillary Flow Data on Molten Thermoplastics; Replaced by D3805
D1704/D1704M Withdrawn 2000; Test Method for Determining the Amount of Particulate Matter in the Atmosphere by Measurement of the Light Absorbance of a Filtered Sample
D1705 Withdrawn 1998; Test Method for Particle Size Analysis of Powdered Polymers and Copolymers of Vinyl Chloride
D1706 Withdrawn 1967; Method of Test for Indentation Hardness of Plastics by Means of a Durometer
D1707 Withdrawn 1967; Definition of Terms Relating to Soil Dynamics; Combined with D 653
D1708-06a Test Method for Tensile Properties of Plastics by Use of Microtensile Specimens, **08.01**
D1709-09 Test Methods for Impact Resistance of Plastic Film by the Free-Falling Dart Method, **08.01**
D1710-08 Specification for Extruded Polytetrafluoroethylene (PTFE) Rod, Heavy Walled Tubing and Basic Shapes, **08.01**
D1711-08 Terminology Relating to Electrical Insulation, **10.01**
D1712-09 Practice for Resistance of Plastics to Sulfide Staining, **08.01**
D1713 Withdrawn 1992; Test Method for Bonding Permanency of Water- or Solvent-Soluble Liquid Adhesives for Automatic Machine Sealing Top Flaps of Fiberboard Specimens
D1714 Withdrawn 1992; Test Method for Water Absorptiveness of Fiberboard Specimens for Adhesives
D1715 Withdrawn 1968; Method of Test for Gas Evolved from Chemical Blowing Agents for Cellular Plastics
D1716 Withdrawn 1993; Test Method for Cellulose Chain Length Uniformity by Fractional Precipitation of Cellulose Nitrate
D1717 Withdrawn 1984; Method of Test for Analysis of Commerical Butane-Butene Mixtures and Isolutylene by Gas Chromatography
D1718-03 Specification for Isobutyl Acetate (95 % Grade), **06.04**
D1719-05 Specification for Isobutyl Alcohol, **06.04**
D1720-03(2008) Test Method for Dilution Ratio of Active Solvents in Cellulose Nitrate Solutions, **06.04**
D1721-97(2007) Test Method for Permanganate Time of Tricresyl Phosphate, **06.04**
D1722-09 Test Method for Water Miscibility of Water-Soluble Solvents, **06.04**
D1723 Withdrawn 1966; Method of Test for Water Solubility of Acetone; Combined with D 1722
D1724 Withdrawn 1978; Method for Qualitative Determination of Fish Oil in Drying Oils and Drying Oil Fatty Acids; Replaced by D555, D3725
D1725-04 Test Method for Viscosity of Resin Solutions, **06.03**
D1726-03 Test Methods for Hydrolyzable Chloride Content of Liquid Epoxy Resins, **06.03**
D1727 Withdrawn 1984; Method of Test for Urea Content of Nitrogen Resins
D1728 Withdrawn 1991; Test Method for Phthalate Ester Color of High-Gravity Glycerin
D1729-96(2003) Practice for Visual Appraisal of Colors and Color Differences of Diffusely-Illuminated Opaque Materials, **06.01**
D1730-09 Practices for Preparation of Aluminum and Aluminum-Alloy Surfaces for Painting, **02.05**
D1731-09 Practices for Preparation of Hot-Dip Aluminum Surfaces for Painting, **02.05**
D1732-03(2008) Practices for Preparation of Magnesium Alloy Surfaces for Painting, **02.05**
D1733 Withdrawn 1980; Method for Preparation of Aluminum Alloy Panels for Testing Paint, Varnish, Lacquer, and Related Products; Replaced by D1730
D1734-93(2007) Practice for Making Cementitious Panels for Testing Coatings, **06.02**
D1735-08 Practice for Testing Water Resistance of Coatings Using Water Fog Apparatus, **06.01**
D1736 Withdrawn 1997; Test Method for Efflorescence of Interior Wall Paints
D1737 Withdrawn 1988; Method of Test for Elongation of Attached Organic Coatings with Cylindrical Mandrel Apparatus; Replaced by D522
D1738 Withdrawn 1970; Method of Test for Hiding Power of Nonchromatic Paints; Replaced by D2805
D1739-98(2004) Test Method for Collection and Measurement of Dustfall (Settleable Particulate Matter), **11.07**
D1740 Withdrawn 2006; Test Method for Luminometer Numbers of Aviation Turbine Fuels
D1741 Withdrawn 1991; Test Method for Functional Life of Ball Bearing Greases
D1742-06 Test Method for Oil Separation from Lubricating Grease During Storage, **05.01**
D1743-05a$^{\varepsilon 1}$ Test Method for Determining Corrosion Preventive Properties of Lubricating Greases, **05.01**
D1744 Withdrawn 2000; Test Method for Water in Liquid Petroleum Products by Karl Fischer Reagent
D1745 Withdrawn 1966; Method for Calculation of Absolute Viscosity; Combined with D 445
D1746-09 Test Method for Transparency of Plastic Sheeting, **08.01**
D1747-09 Test Method for Refractive Index of Viscous Materials, **05.01**
D1748-02(2008) Test Method for Rust Protection by Metal Preservatives in the Humidity Cabinet, **05.01**
D1749-93(2007) Practice for Interlaboratory Evaluation of Test Methods Used with Paper and Paper Products, **15.09**
D1750 Withdrawn 1986; Tables for Positive Displacement Meter Prover Tanks
D1751-04(2008) Specification for Preformed Expansion Joint Filler for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types), **04.03**
D1752-04a(2008) Specification for Preformed Sponge Rubber Cork and Recycled PVC Expansion Joint Fillers for Concrete Paving and Structural Construction, **04.03**
D1753 Withdrawn 1977; Specification for Hot-Mixed, Hot-Laid Tar Paving Mixtures; Replaced by D3515
D1754/D1754M-09 Test Method for Effects of Heat and Air on Asphaltic Materials (Thin-Film Oven Test), **04.03**
D1755-09 Specification for Poly(Vinyl Chloride) Resins, **08.01**
D1756-02(2007) Test Method for Determination as Carbon Dioxide of Carbonate Carbon in Coal, **05.06**
D1757 Withdrawn 2009; Test Method for Sulfate Sulfur in Ash from Coal and Coke

D1758-06 Test Method of Evaluating Wood Preservatives by Field Tests with Stakes, **04.10**
D1759 Withdrawn 1978; Method of Conducting Shear-Block Test for Quality Control of Glue Bonds in Scarf Joints
D1760 Withdrawn 2006; Specification for Pressure Treatment of Timber Products
D1761-06 Test Methods for Mechanical Fasteners in Wood, **04.10**
D1762-84(2007) Test Method for Chemical Analysis of Wood Charcoal, **04.10**
D1763-00(2005) Specification for Epoxy Resins, **08.01**
D1764 Withdrawn 2003; Specification for Rubber Latex Products for Automotive Applications
D1765-10 Classification System for Carbon Blacks Used in Rubber Products, **09.01**
D1766-05 Test Method for Rubber Chemicals—Solubility, **09.01**
D1767-89(2009) Test Method for Ethylene Diamine Tetraacetate (EDTA) in Soaps or Synthetic Detergents, **15.04**
D1768-89(2009) Test Method for Sodium Alkylbenzene Sulfonate in Synthetic Detergents by Ultraviolet Absorption, **15.04**
D1769 Withdrawn 1989; Test Method for Linear Density of Cotton Fibers (Array Sample)
D1770-94(2006) Test Method for Neps, Vegetable Matter, and Colored Fiber in Wool Top, **07.01**
D1771 Withdrawn 1981; Method of Sample Reweighing of Lots of Packaged Raw Wool
D1772 Withdrawn 1966; Method of Test for Imperfection Count of Textile Yarns
D1773 Withdrawn 1962; Method of Test for Dimensional Change of Knitted Fabrics in Laundering and Dimensional Restorability of the Laundered Fabric
D1774 Withdrawn 2000; Test Methods for Elastic Properties of Textile Fibers
D1775 Withdrawn 2000; Test Method for Tension and Elongation of Wide Elastic Fabrics (Constant-Rate-of-Load Type Tensile Testing Machine)
D1776-08$^{\varepsilon 1}$ Practice for Conditioning and Testing Textiles, **07.01**
D1777-96(2007) Test Method for Thickness of Textile Materials, **07.01**
D1778 Withdrawn 1966; Method of Test for Colorfastness to Commercial Laundering and to Domestic Washing of Tufted Rugs and Carpets
D1779-98(2004) Specification for Adhesive for Acoustical Materials, **15.06**
D1780-05 Practice for Conducting Creep Tests of Metal-to-Metal Adhesives, **15.06**
D1781-98(2004) Test Method for Climbing Drum Peel for Adhesives, **15.06**
D1782-95(2009) Test Methods for Operating Performance of Particulate Cation-Exchange Materials, **11.02**
D1783-01(2007) Test Methods for Phenolic Compounds in Water, **11.02**
D1784-08 Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds, **08.01**
D1785-06 Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120, **08.04**
D1786-10 Specification for Toluene Diisocyanate, **08.01**
D1787 Withdrawn 1995; Test Method for Pentosans in Cellulose
D1788 Withdrawn 1989; Specification for Rigid Acrylonitrile-Butadiene-Styrene (ABS) Plastics
D1789 Withdrawn 1984; Test Method for Welding Performance of Poly(Vinyl Chloride) Structures
D1790-08 Test Method for Brittleness Temperature of Plastic Sheeting by Impact, **08.01**
D1791-93(2008) Test Method for Accelerated Aging of Liquid Water-Emulsion Floor Polishes, **15.04**
D1792-06 Test Method for Long-Term Removability Properties of Emulsion Floor Polishes, **15.04**
D1793-92(2008) Test Method for Water Spotting of Emulsion Floor Polishes, **15.04**
D1794 Withdrawn 1993; Test Method for Alcohol-Benzene Soluble Matter in Cellulose
D1795-96(2007)$^{\varepsilon 1}$ Test Method for Intrinsic Viscosity of Cellulose, **06.03**
D1796-04(2009) Test Method for Water and Sediment in Fuel Oils by the Centrifuge Method (Laboratory Procedure), **05.01**
D1797 Withdrawn 1974; Method of Test for Ash in Casein and Isolated Soy Protein
D1798 Withdrawn 1974; Method of Test for Fixed Ash in Casein and Isolated Soy Protein
D1799-03a(2008) Practice for Carbon Black—Sampling Packaged Shipments, **09.01**
D1800 Withdrawn 1974; Method of Test for Alkali Requirement of Casein and Isolated Soy Protein
D1801 Withdrawn 1974; Method of Test for Free Acidity in Casein and Isolated Soy Protein
D1802 Withdrawn 1974; Method of Test for Moisture in Casein and Isolated Soy Protein
D1803 Withdrawn 1974; Method of Test for Nitrogen in Casein and Isolated Soy Protein
D1804 Withdrawn 1974; Method of Test for Oil in Casein and Isolated Soy Protein
D1805 Withdrawn 1972; Recommended Practice for Estimating Relative Temperature Limits of Dielectric Liquids
D1806 Withdrawn 1962; Method of Test for Refractive Index of Askarels; Combined with D 1807
D1807-00(2005)$^{\varepsilon 1}$ Test Methods for Refractive Index and Specific Optical Dispersion of Electrical Insulating Liquids , **10.03**
D1808 Withdrawn 1980; Method of Test for Volume of Oil in Oil-Contaminated Askarels
D1809 Withdrawn 1967; Method for Sampling Askarels; Combined with D 923
D1810 Withdrawn 2000; Test Method for Specific Gravity of Askarels/i
D1811 Withdrawn 1961; Method of Test for Free Chlorides in Askarels; Replaced by D1821
D1812 Withdrawn 1981; Method of Test for Plasitc Properties of Coal by Gieseler Plastometer
D1813-00(2005) Test Method for Measuring Thickness of Leather Test Specimens, **15.04**
D1814-70(2005) Test Method for Measuring Thickness of Leather Units, **15.04**
D1815-00(2005) Test Method for Water Absorption (Static) of Vegetable Tanned Leather, **15.04**
D1816-04 Test Method for Dielectric Breakdown Voltage of Insulating Oils of Petroleum Origin Using VDE Electrodes, **10.03**
D1817-05 Test Method for Rubber Chemicals—Density, **09.01**
D1818 Withdrawn 1990; Specification for Continuity of Quality of Electrical Insulating Oil for Low-Pressure Cable Systems
D1819 Withdrawn 1990; Specification for Continuity of Quality of Electrical Insulating Oil for High-Pressure Cable Systems
D1820 Withdrawn 2000; Test Method for Hydrolyzable Chlorine Compounds in Chlorinated Aromatic Hydrocarbons (Askarels)
D1821 Withdrawn 2000; Test Method for Inorganic Chlorides in Askarels
D1822-06 Test Method for Tensile-Impact Energy to Break Plastics and Electrical Insulating Materials, **08.01**
D1822M Withdrawn 1996; Test Method for Tensile-Impact Energy to Break Plastics and Electrical Insulating Materials
D1823-95(2009) Test Method for Apparent Viscosity of Plastisols and Organosols at High Shear Rates by Extrusion Viscometer, **08.01**
D1824-95(2002) Test Method for Apparent Viscosity of Plastisols and Organosols at Low Shear Rates by Brookfield Viscometer, **08.01**
D1825-03 Practice for Etching and Cleaning Copper-Clad Electrical Insulating Materials and Thermosetting Laminates for Electrical Testing, **10.01**
D1826-94(2010) Test Method for Calorific (Heating) Value of Gases in Natural Gas Range by Continuous Recording Calorimeter, **05.06**
D1827 Withdrawn 2009; Test Method for Gas Content (Nonacidic) of Insulating Liquids by Displacement with Carbon Dioxide
D1828-01(2007) Practice for Atmospheric Exposure of Adhesive-Bonded Joints and Structures, **15.06**
D1829 Withdrawn 2001; Test Method for Electrical Resistance of Ceramic Materials at Elevated Temperatures
D1830-99(2005) Test Method for Thermal Endurance of Flexible Sheet Materials Used for Electrical Insulation by the Curved Electrode Method, **10.01**
D1831-00(2006) Test Method for Roll Stability of Lubricating Grease, **05.01**
D1832-04(2009) Test Method for Peroxide Number of Petroleum Wax, **05.01**
D1833-87(2007) Test Method for Odor of Petroleum Wax, **05.01**
D1834 Withdrawn 2004; Test Method for 20° Specular Gloss of Waxed Paper
D1835-05 Specification for Liquefied Petroleum (LP) Gases, **05.01**
D1836-07 Specification for Commercial Hexanes, **06.04**
D1837-02a(2007) Test Method for Volatility of Liquefied Petroleum (LP) Gases, **05.01**
D1838-07 Test Method for Copper Strip Corrosion by Liquefied Petroleum (LP) Gases, **05.01**
D1839-91(2005) Test Method for Amyl Nitrate in Diesel Fuels, **05.01**
D1840-07 Test Method for Naphthalene Hydrocarbons in Aviation Turbine Fuels by Ultraviolet Spectrophotometry, **05.01**
D1841 Withdrawn 2007; Specification for Distilled Coconut Fatty Acids
D1842 Withdrawn 2007; Specification for Distilled Corn Fatty Acids
D1843 Withdrawn 2007; Specification for Fractionated and Distilled Cottonseed Fatty Acids
D1844-86(2008) Test Methods for Chemical Analysis of Basic Lead Silicochromate, **06.03**
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D2121-07 Test Methods for Polymer Content of Styrene Monomer and AMS (α–Methylstyrene), **06.04**
D2122-98(2004) Test Method for Determining Dimensions of Thermoplastic Pipe and Fittings, **08.04**
D2123 Withdrawn 1989; Specification for Rigid Poly(Vinyl Chloride-Vinyl Acetate) Plastic Sheet
D2124-99(2004) Test Method for Analysis of Components in Poly(Vinyl Chloride) Compounds Using an Infrared Spectrophotometric Technique, **08.01**
D2125 Withdrawn 1971; Specification for Cellular Polystyrene
D2126-09 Test Method for Response of Rigid Cellular Plastics to Thermal and Humid Aging, **08.01**
D2127 Withdrawn 1970; Method of Test for Water Absorption of Rigid Cellular Plastics; Replaced by D2842
D2128 Withdrawn 1986; Specification for Rubberized Curled Hair
D2129-05 Test Method for Color of Water White Electrical Insulating Liquids, **10.03**
D2130-90(2008) Test Method for Diameter of Wool and Other Animal Fibers by Microprojection, **07.01**
D2131-97(2008)$^{\epsilon 1}$ Classification for Natural Muscovite Mica Splittings, **10.01**
D2132-03 Test Method for Dust-and-Fog Tracking and Erosion Resistance of Electrical Insulating Materials, **10.01**
D2133 Withdrawn 1986; Specification for Acetal Resin Injection Molding and Extrusion Materials
D2134-93(2007) Test Method for Determining the Hardness of Organic Coatings with a Sward-Type Hardness Rocker, **06.01**
D2135 Withdrawn 1989; Classification of Hard Rubbers
D2136-02(2007) Test Method for Coated Fabrics—Low-Temperature Bend Test, **09.01**
D2137-05 Test Methods for Rubber Property—Brittleness Point of Flexible Polymers and Coated Fabrics, **09.01**
D2138 Withdrawn 1990; Test Method for Rubber Property—Adhesion to Textile Cord; Replaced by D4776, D4777
D2139 Redesignated F38
D2140-08 Practice for Calculating Carbon-Type Composition of Insulating Oils of Petroleum Origin, **10.03**
D2141 Withdrawn 1982; Method of Test for Adhesion Ratio of Polyethylene Film
D2142 Withdrawn 1967; Method of Test for Rapid Estimation of Staple Length of Wool Tops
D2143-00(2005)$^{\epsilon 1}$ Test Method for Cyclic Pressure Strength of Reinforced, Thermosetting Plastic Pipe, **08.03**
D2144-07 Practices for Examination of Electrical Insulating Oils by Infrared Absorption, **10.03**
D2145 Withdrawn 1979; Method of Test for Phenol Content of Phenol-Water Mixtures
D2146 Withdrawn 1986; Specification for Propylene Plastic Molding and Extrusion Materials; Replaced by D4101
D2147 Withdrawn 1979; Method of Test for Detection and Estimation of Water-Insoluble Impurities in Refined Phenol by Cloud Point Depression
D2148-02(2008)$^{\epsilon 1}$ Test Methods for Bondable Silicone Rubber Tapes Used for Electrical Insulation, **10.01**
D2149-97(2004) Test Method for Permittivity (Dielectric Constant) And Dissipation Factor Of Solid Dielectrics At Frequencies To 10 MHz And Temperatures To 500°C, **10.01**
D2150 Withdrawn 1987; Specification for Woven Roving Glass Fabric for Polyester-Glass Laminates; Replaced by D4357
D2151 Withdrawn 2003; Practice for Staining of Poly(Vinyl Chloride) Compositions by Rubber Compounding Ingredients
D2152-95(2003) Test Method for Adequacy of Fusion of Extruded Poly(Vinyl Chloride) (PVC) Pipe and Molded Fittings by Acetone Immersion, **08.04**

D2153 Withdrawn 1976; Recommended Practice for Calculating Stress in Plastic Pipe Under Internal Pressure
D2154 Withdrawn 1975; Specification for Special Duty Propane; Replaced by D1835
D2155 Withdrawn 1981; Method of Test for Autoignition Temperature of Liquid Petroleum Products; Replaced by E659
D2156-08 Test Method for Smoke Density in Flue Gases from Burning Distillate Fuels, **05.01**
D2157-94(2008) Test Method for Effect of Air Supply on Smoke Density in Flue Gases from Burning Distillate Fuels, **05.01**
D2158-05 Test Method for Residues in Liquefied Petroleum (LP) Gases, **05.01**
D2159 Withdrawn 1998; Test Method for Naphthenes in Saturates Fractions by Refractivity Intercept
D2160 Withdrawn 1997; Test Method for Thermal Stability of Hydraulic Fluids
D2161-05$^{\varepsilon 1}$ Practice for Conversion of Kinematic Viscosity to Saybolt Universal Viscosity or to Saybolt Furol Viscosity, **05.01**
D2162-06 Practice for Basic Calibration of Master Viscometers and Viscosity Oil Standards, **05.01**
D2163-07 Test Method for Determination of Hydrocarbons in Liquefied Petroleum (LP) Gases and Propane/Propene Mixtures by Gas Chromatography, **05.01**
D2164 Withdrawn 2005; Methods of Testing Structural Insulating Roof Deck
D2165-94(2006) Test Method for pH of Aqueous Extracts of Wool and Similar Animal Fibers, **07.01**
D2166-06 Test Method for Unconfined Compressive Strength of Cohesive Soil, **04.08**
D2167-08 Test Method for Density and Unit Weight of Soil in Place by the Rubber Balloon Method, **04.08**
D2168-02a Test Methods for Calibration of Laboratory Mechanical-Rammer Soil Compactors, **04.08**
D2169 Withdrawn 1975; Method of Test for Odor in Casein
D2170-07 Test Method for Kinematic Viscosity of Asphalts (Bitumens), **04.03**
D2171-07$^{\varepsilon 1}$ Test Method for Viscosity of Asphalts by Vacuum Capillary Viscometer, **04.03**
D2172-05 Test Methods for Quantitative Extraction of Bitumen From Bituminous Paving Mixtures, **04.03**
D2173 Withdrawn 1984; Method of Test for Arsenic in Paper and Paperboard
D2174 Withdrawn 1972; Method of Test for Tensile Energy Absorption of Paper
D2175-97(2007) Test Method for Book Bulk and Book Bulking Number of Paper, **15.09**
D2176-97a(2007) Test Method for Folding Endurance of Paper by the M.I.T. Tester, **15.09**
D2177 Withdrawn 2009; Test Method for Ink Absorption of Blotting Paper
D2178-04 Specification for Asphalt Glass Felt Used in Roofing and Waterproofing, **04.04**
D2179 Withdrawn 2000; Specification for Combination Bar Soap
D2180-89(2008) Test Method for Active Oxygen in Bleaching Compounds, **15.04**
D2181 Withdrawn 1969; Specification for Vinyl Acetate Resin Emulsion Adhesive
D2182 Withdrawn 1984; Method of Test for Strength Properties of Metal-to-Metal Adhesives by Compression Loading (Disk Shear)
D2183 Withdrawn 1991; Test Method for Flow Properties of Adhesives
D2184 Withdrawn 1987; Method of Testing Deuterium Oxide
D2185 Withdrawn 1970; Method of Test for Radioactive Cobalt in Industrial Water and Industrial Waste Water
D2186-05(2009) Test Methods for Deposit-Forming Impurities in Steam, **11.02**
D2187-94(2009) Test Methods for Physical and Chemical Properties of Particulate Ion-Exchange Resins, **11.02**
D2188 Withdrawn 1984; Recommended Practice for Statistical Design in Interlaboratory Testing of Plastics; Replaced by E691
D2189 Withdrawn 1975; Specification for Acetaldehyde
D2190-07 Specification for Vinyl Acetate, **06.04**
D2191-06 Test Method for Acetaldehyde Content of Vinyl Acetate, **06.04**
D2192-06 Test Method for Purity of Aldehydes and Ketones, **06.04**
D2193-06 Test Method for Hydroquinone in Vinyl Acetate, **06.04**
D2194-02(2007) Test Method for Concentration of Formaldehyde Solutions, **06.04**
D2195-05 Test Methods for Pentaerythritol, **06.04**
D2196-05 Test Methods for Rheological Properties of Non-Newtonian Materials by Rotational (Brookfield type) Viscometer, **06.01**
D2197-98(2004) Test Method for Adhesion of Organic Coatings by Scrape Adhesion, **06.01**
D2198 Withdrawn 2003; Test Method for Stain Removal From Multicolor Lacquers
D2199-03(2007) Test Method for Measurement of Plasticizer Migration From Vinyl Fabrics to Lacquers, **06.02**
D2200-08 Practice for Use of Pictorial Surface Preparation Standards and Guides for Painting Steel Surfaces, **06.02**
D2201-99(2006) Practice for Preparation of Zinc-Coated and Zinc-Alloy-Coated Steel Panels for Testing Paint and Related Coating Products, **06.01**
D2202-00(2010) Test Method for Slump of Sealants, **04.07**
D2203-01(2007) Test Method for Staining from Sealants, **04.07**
D2204 Withdrawn 1976; Method of Test for Perspiration Resistance of Organic Coatings
D2205-85(2004) Guide for Selection of Tests for Traffic Paints, **06.02**
D2206 Withdrawn 1980; Test Method for Low Quantities of Mercury in Paint; Replaced by D3624
D2207-00(2005) Test Method for Bursting Strength of Leather by the Ball Method, **15.04**
D2208-00(2010) Test Method for Breaking Strength of Leather by the Grab Method, **15.04**
D2209-00(2010) Test Method for Tensile Strength of Leather, **15.04**
D2210-00(2008) Test Method for Grain Crack and Extension of Leather by the Mullen Test, **15.04**
D2211-00(2005) Test Method for Elongation of Leather, **15.04**
D2212-00(2005) Test Method for Slit Tear Resistance of Leather, **15.04**
D2213-00(2010) Test Method for Compressibility of Leather, **15.04**
D2214 Withdrawn 2008; Test Method for Estimating the Thermal Conductivity of Leather with the Cenco-Fitch Apparatus; Replaced by D7340
D2215 Withdrawn 1975; Method of Test for Total Fat in Casein and Isolated Soy Protein
D2216-05 Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass, **04.08**
D2217 Withdrawn 2007; Practice for Wet Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants
D2218-67(2006) Specification for Molybdate Orange Pigments, **06.03**
D2219-02(2007)$^{\varepsilon 1}$ Specification for Poly(Vinyl Chloride) Insulation for Wire and Cable, 60 °C Operation, **10.01**
D2220-02(2007)$^{\varepsilon 1}$ Specification for Poly(Vinyl Chloride) Insulation for Wire and Cable, 75 °C Operation, **10.01**
D2221-01(2010) Test Method for Creep Properties of Package Cushioning Materials, **15.10**
D2222-09 Test Method for Methanol Extract of Vinyl Chloride Resins, **08.01**
D2223 Withdrawn 1993; Test Method for Oxygen Impurity in Nitrogen (Electrochemical Method)
D2224 Withdrawn 1989; Test Method for Mean Molecular Weight of Mineral Insulating Oils by the Cryoscopic Method
D2225-04 Test Methods for Silicone Fluids Used for Electrical Insulation, **10.03**
D2226-93(2007) Classification for Various Types of Petroleum Oils for Rubber Compounding Use, **09.01**
D2227-96(2007) Specification for Natural Rubber (NR) Technical Grades, **09.01**
D2228-04(2009) Test Method for Rubber Property—Relative Abrasion Resistance by Pico Abrader Method, **09.01**
D2229-10 Test Method for Adhesion Between Steel Tire Cords and Rubber, **07.01**
D2230-96(2007) Test Method for Rubber Property—Extrudability of Unvulcanized Compounds, **09.01**
D2231 Withdrawn 1998; Practice for Rubber Properties in Forced Vibration; Replaced by D5992
D2232 Withdrawn 1995; Test Method for Evaporation Residue of Naphthalene
D2233 Withdrawn 2003; Specification for Chlorinated Aromatic Hydrocarbons (Askarels) for Capacitors
D2234/D2234M-10 Practice for Collection of a Gross Sample of Coal, **05.06**
D2235-04 Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings, **08.04**
D2236 Withdrawn 1985; Method of Test for Dynamic Mechanical Properties of Plastics by Means of a Torsional Pendulum; Replaced by D4065
D2237 Withdrawn 1989; Method of Test for Rate-of-Rise (Volume Increase) Properties of Urethane Foaming Systems
D2238-92(2004) Test Methods for Absorbance of Polyethylene Due to Methyl Groups at 1378 cm^{-1}, **08.01**
D2239-03 Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter, **08.04**
D2240-05(2010) Test Method for Rubber Property—Durometer Hardness, **09.01**
D2241-05 Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series), **08.04**
D2242 Withdrawn 1971; Specification for Weathered Heavily Chalked Paint Panels for Use in Weathering Tests of Latex Paints
D2243-95(2008) Test Method for Freeze-Thaw Resistance of Water-Borne Coatings, **06.02**
D2244-09a Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates, **06.01**
D2245-90(2005) Test Method for Identification of Oils and Oil Acids in Solvent-Reducible Paints, **06.01**
D2246 Withdrawn 1992; Test Method for Finishes on Primed Metallic Substates for Humidity-Thermal Cycle Cracking
D2247-02 Practice for Testing Water Resistance of Coatings in 100 % Relative Humidity, **06.01**
D2248-01a(2007) Practice for Detergent Resistance of Organic Finishes, **06.01**
D2249 Withdrawn 2002; Test Method for Predicting the Effect of Weathering on Face Glazing and Bedding Compounds on Metal Sash
D2250 Withdrawn 1986; Method of Test for Physical and Electrical Breakdown of Insulating Materials by Halogenated Organic Solvents and Their Admixtures
D2251-10 Test Method for Metal Corrosion by Halogenated Organic, **15.05**
D2252-05(2009) Specification for Fineness of Types of Alpaca, **07.01**
D2253 Withdrawn 1995; Test Method for Color of Raw Cotton Using the Nickerson-Hunter Cotton Colorimeter
D2254 Withdrawn 1970; Method of Test for Non-Lint Content of Cotton (SRRL Non-Lint Tester Method); Replaced by D2812
D2255/D2255M-09 Test Method for Grading Spun Yarns for Appearance, **07.01**
D2256/D2256M-10 Test Method for Tensile Properties of Yarns by the Single-Strand Method, **07.01**

D2257-98(2004) Test Method for Extractable Matter in Textiles, **07.01**
D2258-99(2005) Practice for Sampling Yarn for Testing, **07.01**
D2259-02(2006)$^{\epsilon 1}$ Test Method for Shrinkage of Yarns, **07.01**
D2260-03(2009) Tables of Conversion Factors and Equivalent Yarn Numbers Measured in Various Numbering Systems, **07.01**
D2261-07a Test Method for Tearing Strength of Fabrics by the Tongue (Single Rip) Procedure (Constant-Rate-of-Extension Tensile Testing Machine), **07.01**
D2262 Withdrawn 1995; Test Method for Tearing Strength of Woven Fabrics by the Tongue (Single Rip) Method (Constant-Rate-of-Traverse Tensile Testing Machine)
D2263 Withdrawn 1976; Methods of Testing Automotive Fabrics
D2264 Withdrawn 1971; Recommended Practice for Calculating Number of Tests to be Specified in Determining Average Quality of a Textile Material; Replaced by D2905
D2265-06 Test Method for Dropping Point of Lubricating Grease Over Wide Temperature Range, **05.01**
D2266-01(2008) Test Method for Wear Preventive Characteristics of Lubricating Grease (Four-Ball Method), **05.01**
D2267 Withdrawn 1992; Test Methods for Aromatics in Light Naphthas, and Aviation Gasolines by Gas Chromatography; Replaced by D4420
D2268-93(2008) Test Method for Analysis of High-Purity *n*-Heptane and *Iso*octane by Capillary Gas Chromatography, **05.01**
D2269-99(2005) Test Method for Evaluation of White Mineral Oils by Ultraviolet Absorption, **05.01**
D2270-04 Practice for Calculating Viscosity Index from Kinematic Viscosity at 40 and 100°C, **05.01**
D2271 Withdrawn 2004; Test Method for Preliminary Examination of Hydraulic Fluids (Wear Test)
D2272-09 Test Method for Oxidation Stability of Steam Turbine Oils by Rotating Pressure Vessel, **05.01**
D2273-08 Test Method for Trace Sediment in Lubricating Oils, **05.01**
D2274-03a(2008) Test Method for Oxidation Stability of Distillate Fuel Oil (Accelerated Method), **05.01**
D2275-01(2008)$^{\epsilon 1}$ Test Method for Voltage Endurance of Solid Electrical Insulating Materials Subjected to Partial Discharges (Corona) on the Surface, **10.01**
D2276-06 Test Method for Particulate Contaminant in Aviation Fuel by Line Sampling, **05.01**
D2277 Withdrawn 1992; Specification for Fiberboard Nail-Base Sheathing
D2278-06 Test Method for Field Evaluation of Wood Preservatives in Round Post-Size Specimens, **04.10**
D2279 Withdrawn 1982; Method of Test for Acid Wash Color of Refined Naphthalene
D2280 Withdrawn 1977; Method of Test for Color of Phthalic Anhydride in the Molten State and After Heating; Replaced by D3366
D2281-68(2005) Test Method for Evaluation of Wetting Agents by the Skein Test, **15.04**
D2282 Withdrawn 2006; Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe
D2283 Withdrawn 2004; Specification for Chlorinated Aromatic Hydrocarbons (Askarels) for Transformers
D2284-95(2002) Test Method for Acidity of Sulfur Hexafluoride, **10.03**
D2285 Withdrawn 2008; Test Method for Interfacial Tension of Electrical Insulating Oils of Petroleum Origin Against Water by the Drop-Weight Method
D2286 Withdrawn 1981; Recommended Practices for Sampling and Handling Phenol; Replaced by D3852
D2287-96(2010) Specification for Nonrigid Vinyl Chloride Polymer and Copolymer Molding and Extrusion Compounds, **08.01**
D2288 Withdrawn 2010; Test Method for Weight Loss of Plasticizers on Heating
D2289 Withdrawn 1992; Test Method for Tensile Properties of Plastics at High Speeds
D2290-08 Test Method for Apparent Hoop Tensile Strength of Plastic or Reinforced Plastic Pipe by Split Disk Method, **08.04**
D2291-09 Practice for Fabrication of Ring Test Specimens for Glass-Resin Composites, **08.01**
D2292 Withdrawn 1993; Recommended Practice for Compression Molding Test Specimens of Styrene-Butadiene Molding and Extrusion Materials; Replaced by D4703
D2293-96(2008) Test Method for Creep Properties of Adhesives in Shear by Compression Loading (Metal-to-Metal), **15.06**
D2294-96(2008) Test Method for Creep Properties of Adhesives in Shear by Tension Loading (Metal-to-Metal), **15.06**
D2295-96(2008) Test Method for Strength Properties of Adhesives in Shear by Tension Loading at Elevated Temperatures (Metal-to-Metal), **15.06**
D2296-01(2006) Specification for Continuity of Quality of Electrical Insulating Polybutene Oil for Capacitors, **10.03**
D2297 Withdrawn 1990; Specification for Continuity of Quality of Electrical Insulating Mineral Oil for Capacitors and Cable Accessories
D2298 Withdrawn 1987; Method of Test for Stability of Insulating Oils Under Electrical Stress (Merrell Test)
D2299 Withdrawn 1992; Recommended Practice for Determining Relative Stain Resistance of Plastics
D2300-08 Test Method for Gassing of Electrical Insulating Liquids Under Electrical Stress and Ionization (Modified Pirelli Method), **10.03**
D2301-99(2004) Specification for Vinyl Chloride Plastic Pressure-Sensitive Electrical Insulating Tape, **10.01**
D2302 Withdrawn 1982; Method of Test for Differential Wet Tracking Resistance of Electrical Insulating Materials with Controlled Water-to-Metal Discharges
D2303-97(2004) Test Methods for Liquid-Contaminant, Inclined-Plane Tracking and Erosion of Insulating Materials, **10.01**
D2304-97(2002) Test Method for Thermal Endurance of Rigid Electrical Insulating Materials, **10.01**
D2305-02 Test Methods for Polymeric Films Used for Electrical Insulation, **10.01**
D2306 Withdrawn 2006; Test Method for C_8 Aromatic Hydrocarbon Analysis by Gas Chromatography
D2307-07a Test Method for Thermal Endurance of Film-Insulated Round Magnet Wire, **10.01**
D2308-07 Specification for Thermoplastic Polyethylene Jacket for Electrical Wire and Cable, **10.01**
D2309 Withdrawn 1982; Tests for Rubber Property—Compression Set Induced by Nuclear Radiation
D2310-06 Classification for Machine-Made "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe, **08.03**
D2311 Withdrawn 1992; Specification for Perforated, Homogeneous Bituminized Fiber Drain and Sewer Pipe
D2312 Withdrawn 1992; Specification for Perforated, Homogeneous Bituminized Fiber Drain and Sewer Pipe for Septic Tank Disposal Fields
D2313 Withdrawn 1992; Specification for Perforated, Laminated-Wall Bituminized Fiber Drain and Sewer Pipe for Septic Tank Disposal Fields
D2314 Withdrawn 1992; Methods of Testing Homogeneous Bituminized Fiber Pipe
D2315 Withdrawn 1992; Methods of Testing Laminated-Wall Bituminized Fiber Pipe
D2316 Withdrawn 1992; Recommended Practice for Installing Bituminized Fiber Drain and Sewer Pipe
D2317 Withdrawn 1982; Method of Test for Benzene Insoluble (BI) Content of Tar and Pitch
D2318-98(2008) Test Method for Quinoline-Insoluble (QI) Content of Tar and Pitch, **05.01**
D2319/D2319M-98(2008)$^{\epsilon 1}$ Test Method for Softening Point of Pitch (Cube-in-Air Method), **05.01**
D2320-98(2008) Test Method for Density (Relative Density) of Solid Pitch (Pycnometer Method), **05.01**
D2321-08 Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications, **08.04**
D2322-10 Test Method for Resistance of Shoe Upper Leather to Artificial Perspiration, **15.04**
D2323 Withdrawn 2003; Specification for Refined Pyridine (1 Degree)
D2324 Withdrawn 1993; Test Method for Carbon Disulfide In Benzene
D2325 Withdrawn 2007; Test Method for Capillary-Moisture Relationships for Coarse- and Medium-Textured Soils by Porous-Plate Apparatus; Replaced by D6386
D2326 Withdrawn 1976; Method of Test for Thermal Conductivity of Cellular Plastics by Means of a Probe
D2327 Withdrawn 1990; Test Method for Mono- and Dioctadecylamines in Water; Replaced by D4983
D2328 Withdrawn 1969; Method for Corrosivity Testing of Industrial Cooling Water (Coupon Test Method); Replaced by D2688
D2329 Withdrawn 1972; Method of Test for Biochemical Oxygen Demand of Industrial Water and Industrial Waste Water
D2330-02 Test Method for Methylene Blue Active Substances, **11.02**
D2331-08 Practices for Preparation and Preliminary Testing of Water-Formed Deposits, **11.02**
D2332-08 Practice for Analysis of Water-Formed Deposits by Wavelength-Dispersive X-Ray Fluorescence, **11.02**
D2333 Withdrawn 1987; Method of Test for Thorium in Water
D2334 Withdrawn 1992; Test Methods for Radioactive Iodine in Water
D2335 Withdrawn 1971; Method of Test for Radium-226 in Industrial Water and Industrial Waste Water
D2336 Withdrawn 2008; Guide for Specifying Factory Applied Wood Coatings
D2337-01(2005) Test Method for Freeze-Thaw Stability of Multicolor Lacquers, **06.01**
D2338-02(2007) Test Method for Determining Particle Size of Multicolor Lacquers, **06.02**
D2339-98(2004) Test Method for Strength Properties of Adhesives in Two-Ply Wood Construction in Shear by Tension Loading, **15.06**
D2340-09 Test Method for Peroxides in Styrene Monomer, **06.04**
D2341 Withdrawn 1990; Specification for Rigid Urethane Foam
D2342 Withdrawn 1980; Method of Test for Determination of Lot-to-Lot Stabilization Uniformity of Propylene Plastics
D2343-09 Test Method for Tensile Properties of Glass Fiber Strands, Yarns, and Rovings Used in Reinforced Plastics, **08.01**
D2344/D2344M-00(2006) Test Method for Short-Beam Strength of Polymer Matrix Composite Materials and Their Laminates, **15.03**
D2345 Withdrawn 1968; Methods of Test for Interlaminar Sheer Strength of Reinforced Plastic Structures at Subnormal and Supernormal Temperature; Replaced by D3846
D2346-00(2008) Test Method for Apparent Density of Leather, **15.04**
D2347-00(2005) Test Method for Measuring Area of Leather Test Specimens, **15.04**
D2348 Withdrawn 2009; Test Method for Arsenic in Paint
D2349-90(2009) Test Method for Qualitative Determination of Nature of Solvent Composition in Solvent-Reducible Paints, **06.01**
D2350-90(2005) Test Method for Antimony Oxide in White Pigment Separated From Solvent-Reducible Paints, **06.01**

D2351-90(2005) Test Method for Sulfide in White Pigment Separated from Solvent-Reducible Paints, **06.01**
D2352-85(2005) Test Method for Sulfur Dioxide in White Pigment Separated from Solvent-Reducible Paints, **06.01**
D2353 Withdrawn 1991; Test Method for Flow Ratings of Organic Coatings Using the Shell Flow Comparator
D2354 Withdrawn 2007; Test Method for Minimum Film Formation Temperature (MFFT) of Emulsion Vehicles
D2355 Withdrawn 1987; Recommended Practice for liquid phase evaluation of activated carbon; Replaced by D3860
D2356 Withdrawn 2000; Specification for Phosphate and Silica Containing Scouring Powder Compounds
D2357-74(2003) for Qualitative Classification of Surfactants by Infrared Absorption, **15.04**
D2358-89(2009) Test Method for Separation of Active Ingredient from Surfactant and Syndet Compositions, **15.04**
D2359-09 Specification for Refined Benzene-535, **06.04**
D2360-08 Test Method for Trace Impurities in Monocyclic Aromatic Hydrocarbons by Gas Chromatography, **06.04**
D2361 Withdrawn 2008; Test Method for Chlorine in Coal
D2362 Withdrawn 1971; Method of Test for Total Volatile Content of Expandable Polystyrene Materials
D2363-79(2006) Test Methods for Hydroxypropyl Methylcellulose, **06.03**
D2364-01(2007)$^{\varepsilon 1}$ Test Methods for Hydroxyethylcellulose, **06.03**
D2365 Withdrawn 1982; Method of Test for Calculation of Neutron Dose to Polymeric Materials and Application of Threshold-Foil Measurements; Replaced by E763
D2366 Withdrawn 1989; Method of Accelerated Testing of Moisture Blister Resistance of Exterior House Paints on Wood
D2367 Withdrawn 1978; Definitions of Terms Relating to Fabric Defects (Including Illustrations and Related Material); Replaced by D3990
D2368 Withdrawn 1978; Classification of Man-Made and Natural Fibers; Combined with D 123
D2369-07 Test Method for Volatile Content of Coatings, **06.01**
D2370-98(2002) Test Method for Tensile Properties of Organic Coatings, **06.01**
D2371-85(2005) Test Method for Pigment Content of Solvent-Reducible Paints, **06.01**
D2372-85(2005) Practice for Separation of Vehicle From Solvent-Reducible Paints, **06.01**
D2373-05 Test Method for Determination of Cobalt in Paint Driers by EDTA Method, **06.01**
D2374-05 Test Method for Lead in Paint Driers by EDTA Method, **06.01**
D2375-05 Test Method for Manganese in Paint Driers by EDTA Method, **06.01**
D2376 Withdrawn 2002; Test Method for Slump of Face Glazing and Bedding Compounds on Metal Sash
D2377-00(2008) Test Method for Tack-Free Time of Caulking Compounds and Sealants, **04.07**
D2378-07 Specification for Formaldehyde 50 % Grade Uninhibited and 37 % Grade Inhibited and Uninhibited, **06.04**
D2379-09 Test Method for Acidity of Formaldehyde Solutions, **06.04**
D2380-04 Test Method for Methanol Content of Formaldehyde Solutions, **06.04**
D2381 Withdrawn 2005; Test Methods for Flexible Composite Materials Used for Electrical Insulation
D2382 Withdrawn 1994; Test Method for Heat of Combustion of Hydrocarbon Fuels by Bomb Calorimeter (High-Precision Method); Replaced by D4809
D2383-09 Practice for Testing Plasticizer Compatibility in Poly(Vinyl Chloride) (PVC) Compounds Under Humid Conditions, **08.01**
D2384-83(2009) Test Methods for Traces of Volatile Chlorides in Butane-Butene Mixtures, **05.01**
D2385 Withdrawn 1995; Test Method for Hydrogen Sulfide and Mercaptan Sulfur in Natural Gas (Cadmium Sulfate-Iodometric Titration Method)
D2386-06 Test Method for Freezing Point of Aviation Fuels, **05.01**
D2387 Redesignated 1970- F313; Method of Test for Insoluble Contamination of Hydraulic Fluids
D2388 Redesignated 1970- F302; Method for Field Sampling of Aerospace Fluids
D2389 Withdrawn 2003; Test Method for Minimum Pressure for Vapor Phase Ignition of Monopropellents
D2390 Redesignated 1970- F312; Method of Test for Microscopic Sizing and Counting Particles from Aerospace Fluids on Membrane Filters
D2391 Redesignated 1970- F311; Method of Processing Aerospace Liquid Samples for Particulate Contamination Analysis Using Membrane Filters
D2392-96(2006) Test Method for Color of Dyed Aviation Gasolines, **05.01**
D2393 Withdrawn 1995; Test Method for Viscosity of Epoxy Resins and Related Components
D2394-05$^{\varepsilon 1}$ Test Methods for Simulated Service Testing of Wood and Wood-Base Finish Flooring, **04.10**
D2395-07a$^{\varepsilon 1}$ Test Methods for Specific Gravity of Wood and Wood-Based Materials, **04.10**
D2396-94(2004) Test Methods for Powder-Mix Time of Poly(Vinyl Chloride) (PVC) Resins Using a Torque Rheometer, **08.01**
D2397-05 Specification for Cationic Emulsified Asphalt, **04.03**
D2398 Withdrawn 1985; Test Method for Softening Point of Bitumen in Ethylene Glycol (Ring-and-Ball); Replaced by D36
D2399-83(2005) Practice for Selection of Cutback Asphalts, **04.03**
D2400-99(2004) Specification for Varnished Glass-Polyester Cloth Used for Electrical Insulation, **10.01**
D2401 Withdrawn 1992; Test Method for Service Change of Appearance of Pile Floor Coverings
D2402-07 Test Method for Water Retention of Textile Fibers (Centrifuge Procedure), **07.01**
D2403 Withdrawn 2008; Specification for Refined Phthalic Anhydride-1308
D2404 Withdrawn 1971; Methods of Testing Jute Backing Fabrics
D2405 Withdrawn 1985; Specification for General-Purpose Acrylonitrile-Butadiene/Poly(Vinyl Chloride)(NBR/PVC) Jacket for Wire and Cable; Replaced by D4244
D2406 Withdrawn 1980; Methods of Testing Flexible Cellular Materials-Molded Urethane Foam; Replaced by D3574
D2407 Withdrawn 1970; Method for Sampling Airborne Particulate Contamination in Clean Rooms for Handling Aerospace Fluids; Redesignated F318
D2408 Withdrawn 1990; Test Method for Finish Content of Woven Glass Fabric, Cleaned and After-Finished with Amino-Silane Type Finishes for Plastic Laminates
D2409 Withdrawn 1990; Test Method for Finish Content of Woven Glass Fabric, Cleaned and After-Finished with Vinyl-Silane Type Finishes for Plastic Laminates
D2410 Withdrawn 1990; Test Method for Finish Content of Woven Glass Fabric, Cleaned and After-Finished with Chrome Complexes, for Plastic Laminates
D2411 Withdrawn 1995; Specification for Cellulose Acetate Butyrate Film and Sheeting for Fabricating and Forming
D2412-02(2008) Test Method for Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading, **08.04**
D2413-99(2009) Practice for Preparation of Insulating Paper and Board Impregnated with a Liquid Dielectric, **10.01**
D2414-09a Test Method for Carbon Black—Oil Absorption Number (OAN), **09.01**
D2415-98(2008) Test Method for Ash in Coal Tar and Pitch, **05.01**
D2416-84(2009) Test Method for Coking Value of Tar and Pitch (Modified Conradson), **05.01**
D2417 Withdrawn 1992; Specification for Perforated, Laminated-Wall Bituminized Fiber Pipe for General Drainage
D2418 Withdrawn 1992; Specification for Perforated, Laminated-Wall Bituminized Fiber Pipe for Airport and Highway Drainage
D2419-09 Test Method for Sand Equivalent Value of Soils and Fine Aggregate, **04.03**
D2420-07 Test Method for Hydrogen Sulfide in Liquefied Petroleum (LP) Gases (Lead Acetate Method), **05.01**
D2421-02(2007) Practice for Interconversion of Analysis of C_5 and Lighter Hydrocarbons to Gas-Volume, Liquid-Volume, or Mass Basis, **05.01**
D2422-97(2007) Classification of Industrial Fluid Lubricants by Viscosity System, **05.01**
D2423-90(2007) Test Method for Surface Wax on Waxed Paper or Paperboard, **05.01**
D2424 Withdrawn 1985; Method of Test for Hydrocarbon Types in Propylene Polymer by Mass Spectrometry
D2425-04(2009) Test Method for Hydrocarbon Types in Middle Distillates by Mass Spectrometry, **05.01**
D2426-93(2009) Test Method for Butadiene Dimer and Styrene in Butadiene Concentrates by Gas Chromatography, **05.01**
D2427-06 Test Method for Determination of C_2 through C_5 Hydrocarbons in Gasolines by Gas Chromatography, **05.01**
D2428 Withdrawn 1997; Test Method for Simulative Recirculating System Testing of Aerospace Hydraulic Fluids
D2429 Withdrawn 1970; Methods of Sampling Aerospace Fluids from Components; Redesignated F303
D2430 Withdrawn 1970; Test Methods for Identification of Metallic and Fibrous Contaminants in Aerospace Fluids; Redesignated F314
D2431 Withdrawn 1979; Specification for Refined Naphthalene-798
D2432 Withdrawn 1985; Specification for Heavy-Duty Acrylonitrile-Butadiene Poly(Vinyl Chloride)(NBR/PVC) Jacket for Wire and Cable; Replaced by D4244
D2433-07 Test Methods for Rubber Thread, **09.02**
D2434-68(2006) Test Method for Permeability of Granular Soils (Constant Head), **04.08**
D2435-04 Test Methods for One-Dimensional Consolidation Properties of Soils Using Incremental Loading, **04.08**
D2436 Withdrawn 1994; Specification for Forced-Convection Laboratory Ovens for Electrical Insulation; Replaced by D5374, D5423
D2437 Redesignated 1970- F301; Method for Open-Bottle Tap Sampling of Noncryogenic Fluid Systems
D2438 Withdrawn 1995; Test Method for Silica in Cellulose
D2439-96(2008) Specification for Refined Phenol, **06.04**
D2440-99(2004) Test Method for Oxidation Stability of Mineral Insulating Oil, **10.03**
D2441 Withdrawn 2000; Test Method for Hydrolyzable Chlorine Compounds in Chlorinated Aromatic Hydrocarbons (Askarels) by Refluxing
D2442-75(2007) Specification for Alumina Ceramics for Electrical and Electronic Applications, **15.02**
D2443 Withdrawn 2000; Test Methods for Lacing Twines and Tapes Used as Harnesses in Electrical Equipment
D2444-99(2005) Test Method for Determination of the Impact Resistance of Thermoplastic Pipe and Fittings by Means of a Tup (Falling Weight), **08.04**
D2445 Withdrawn 1987; Test Method for Thermal Oxidative Stability of Propylene Plastics; Replaced by D3012
D2446 Withdrawn 1986; Specification for Cellulose Acetate Butyrate (CAB) Plastic Pipe (SDR-PR) and Tubing
D2447-03 Specification for Polyethylene (PE) Plastic Pipe, Schedules 40 and

80, Based on Outside Diameter, **08.04**

D2448-85(2007) Test Method for Water-Soluble Salts in Pigments by Measuring the Specific Resistance of the Leachate of the Pigment, **06.03**

D2449-88(2007) Specification for Rubber Bales From Natural Sources—Limit on Coating, **09.01**

D2450 Withdrawn 2002; Test Method for Bond of Oil- and Resin-Base Caulking Compounds

D2451 Withdrawn 2002; Test Method for Degree of Set for Glazing Compounds on Metal Sash

D2452-03(2009) Test Method for Extrudability of Oil- and Resin-Base Caulking Compounds, **04.07**

D2453-03(2009) Test Method for Shrinkage and Tenacity of Oil- and Resin-Base Caulking Compounds, **04.07**

D2454-08 Practice for Determining the Effect of Overbaking on Organic Coatings, **06.01**

D2455 Withdrawn 2005; Test Method for Identification of Carboxylic Acids in Alkyd Resins

D2456 Withdrawn 2006; Test Method for Identification of Polyhydric Alcohols in Alkyd Resins

D2457-08 Test Method for Specular Gloss of Plastic Films and Solid Plastics, **08.01**

D2458 Withdrawn 1982; Method for Flow Measurement of Industrial Water and Industrial Waste Water by the Venturi Meter Tube

D2459 Withdrawn 1987; Test Method for Gamma Spectrometry of Industrial Water and Industrial Waste Water

D2460-07 Test Method for Alpha-Particle-Emitting Isotopes of Radium in Water, **11.02**

D2461 Withdrawn 1988; Test Method for Iron-59 in Water

D2462-90(2008) Test Method for Moisture in Wool by Distillation With Toluene, **07.01**

D2463-10 Test Method for Drop Impact Resistance of Blow-Molded Thermoplastic Containers, **08.01**

D2464-06 Specification for Threaded Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80, **08.04**

D2465 Withdrawn 1986; Specification for Threaded Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe Fittings, Schedule 80

D2466-06 Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40, **08.04**

D2467-06 Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80, **08.04**

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D2469 Withdrawn 1986; Specification for Socket-Type Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe Fittings, Schedule 80

D2470 Withdrawn 1989; Method of Measurement of Delayed Neutron-Emitting Fission Products in Nuclear Reactor Coolant Water During Reactor Operation

D2471 Withdrawn 2008; Practice for Gel Time and Peak Exothermic Temperature of Reacting Thermosetting Resins

D2472-00(2006) Specification for Sulfur Hexafluoride, **10.03**

D2473 Withdrawn 1983; Specification for Polycarbonate Molding, Extrusion, and Casting Materials; Replaced by D3935

D2474 Withdrawn 1999; Specification for Vinyl Chloride Copolymer Resins

D2475-01(2008) Specification for Felt, **07.01**

D2476 Withdrawn 1992; Test Method for Tritium in Water; Replaced by D4107

D2477-07 Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Insulating Gases at Commercial Power Frequencies, **10.03**

D2478 Withdrawn 1978; Definitions of Terms Relating to Nails for Use with Wood and Wood-Base Materials; Replaced by F547

D2479 Withdrawn 1969; Test Method for Length Distribution of Cotton Fibers by the Short Method Array

D2480 Withdrawn 1992; Test Method for Maturity Index and Linear Density of Cotton Fibers by the Causticaire Method

D2481-05 Test Method for Accelerated Evaluation of Wood Preservatives for Marine Services by Means of Small Size Specimens, **04.10**

D2482 Withdrawn 2010; Test Method for Surface Strength of Paper (Wax Pick Method)

D2483 Withdrawn 1972; Test Method for Silicone Grit Content of Paper and Paper Products

D2484-06 Specification for Polyester Film Pressure-Sensitive Electrical Insulating Tape, **10.01**

D2485-91(2007) Test Methods for Evaluating Coatings For High Temperature Service, **06.01**

D2486-06 Test Methods for Scrub Resistance of Wall Paints, **06.02**

D2487-06$^{\varepsilon 1}$ Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System), **04.08**

D2488-09a Practice for Description and Identification of Soils (Visual-Manual Procedure), **04.08**

D2489/D2489M-08 Practice for Estimating Degree of Particle Coating of Bituminous-Aggregate Mixtures, **04.03**

D2490 Withdrawn 1976; Method of Test for Tumbler Test for Small Coke; Replaced by D3402

D2491 Withdrawn 1981; Test Method for Staple Crimp in Grease Wool Locks

D2492-02(2007) Test Method for Forms of Sulfur in Coal, **05.06**

D2493/D2493M-09 Standard Viscosity-Temperature Chart for Asphalts, **04.03**

D2494-02(2010)$^{\varepsilon 1}$ Test Method for Commercial Mass of a Shipment of Yarn or Manufactured Staple Fiber or Tow, **07.01**

D2495-07 Test Method for Moisture in Cotton by Oven-Drying, **07.01**

D2496 Withdrawn 1987; Test Method for Seed Coat Fragments and Funiculi in Cotton Fiber Samples

D2497-07 Tolerances for Manufactured Organic-Base Filament Single Yarns, **07.01**

D2498 Withdrawn 1984; Test Method for Isomer Distribution of Straight-Chain Detergent Alkylate by Mass Spectrometry

D2499 Redesignated 1970- F316; Test Method for Pore Size Characteristics of Membrane Filters for Use with Aerospace Fluids

D2500-09 Test Method for Cloud Point of Petroleum Products, **05.01**

D2501-91(2005) Test Method for Calculation of Viscosity-Gravity Constant (VGC) of Petroleum Oils, **05.01**

D2502-04(2009) Test Method for Estimation of Mean Relative Molecular Mass of Petroleum Oils from Viscosity Measurements, **05.01**

D2503-92(2007) Test Method for Relative Molecular Mass (Molecular Weight) of Hydrocarbons by Thermoelectric Measurement of Vapor Pressure, **05.01**

D2504-88(2004)$^{\varepsilon 1}$ Test Method for Noncondensable Gases in C_2 and Lighter Hydrocarbon Products by Gas Chromatography, **05.01**

D2505-88(2004)$^{\varepsilon 1}$ Test Method for Ethylene, Other Hydrocarbons, and Carbon Dioxide in High-Purity Ethylene by Gas Chromatography, **05.01**

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D2509-03(2008) Test Method for Measurement of Load-Carrying Capacity of Lubricating Grease (Timken Method), **05.01**

D2510-94(2006) Test Method for Adhesion of Solid Film Lubricants, **05.01**

D2511-93(2009) Test Method for Thermal Shock Sensitivity of Solid Film Lubricants, **05.01**

D2512-95(2008) Test Method for Compatibility of Materials with Liquid Oxygen (Impact Sensitivity Threshold and Pass-Fail Techniques), **14.04**

D2513-09 Specification for Thermoplastic Gas Pressure Pipe, Tubing, and Fittings, **08.04**

D2514 Withdrawn 1977; Tolerances for Fabrics Woven from All-Cotton or from Cotton Man-Made Fiber Blends

D2515 Redesignated 1977- D446; Specification for Kinematic Glass Capillary Viscometers

D2516 Withdrawn 1979; Recommended Practice for Nomenclature for Rubber-Grade Carbon Blacks; Replaced by D1765

D2517-06 Specification for Reinforced Epoxy Resin Gas Pressure Pipe and Fittings, **08.03**

D2518-99(2004) Specification for Woven Glass Fabrics for Electrical Insulation, **10.02**

D2519-07 Test Method for Bond Strength of Electrical Insulating Varnishes by the Helical Coil Test, **10.02**

D2520 Withdrawn 2010; Test Methods for Complex Permittivity (Dielectric Constant) of Solid Electrical Insulating Materials at Microwave Frequencies and Temperatures to 1650°C

D2521-76(2008) Specification for Asphalt Used in Canal, Ditch, and Pond Lining, **04.04**

D2522-03(2008)$^{\varepsilon 2}$ Test Method for Chlorine Content of Polybutenes Used for Electrical Insulation, **10.03**

D2523-00(2006) Practice for Testing Load-Strain Properties of Roofing Membranes, **04.04**

D2524-95(2008) Test Method for Breaking Tenacity of Wool Fibers, Flat Bundle Method— 18-in. (3.2-mm) Gage Length, **07.01**

D2525-90(2008) Practice for Sampling Wool for Moisture, **07.01**

D2526 Withdrawn 2006; Specification for Ozone-Resisting Silicone Rubber Insulation for Wire and Cable

D2527-83(2006) Specification for Rubber Seals—Splice Strength, **09.02**

D2528 Withdrawn 1975; Method of Test for Dirt in Casein and Isolated Soy Protein

D2529 Withdrawn 1985; Method of Test for Bursting Strength of Paperboard and Linerboard

D2530 Withdrawn 1989; Specification for Nonoriented Propylene Plastic Film

D2531 Withdrawn 1980; Specification for Phenoxy Plastics Molding and Extrusion Materials

D2532-03 Test Method for Viscosity and Viscosity Change After Standing at Low Temperature of Aircraft Turbine Lubricants, **05.01**

D2533 Withdrawn 2008; Test Method for Vapor-Liquid Ratio of Spark-Ignition Engine Fuels

D2534-88(2007) Test Method for Coefficient of Kinetic Friction for Wax Coatings, **05.01**

D2535 Redesignated 1970- F304; Method of Sampling for Particulates from Aerospace Components with Convolutes

D2536 Redesignated F305

D2537 Redesignated F306

D2538-02 Practice for Fusion of Poly(Vinyl Chloride) (PVC) Resins Using a Torque Rheometer, **08.01**

D2539 Withdrawn 2003; Test Method for Shock Sensitivity of Liquid Monopropellants by the Card-Gap Test

D2540 Withdrawn 2003; Test Method for Drop-Weight Sensitivity of Liquid Monopropellants

D2541 Withdrawn 2003; Test Method for Critical Diameter and Detonation Velocity of Liquid Monopropellants

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D2543 Redesignated F310

D2544 Redesignated F307

D2545 Withdrawn; Method of Sampling for Particulates From Aerospace Components or System (Gas Blow-Down Method)

D2546 Redesignated F315

D2547 Withdrawn 1991; Test Method for Lead in Gasoline
D2548 Withdrawn 1979; Method of Test for Analysis of Oil Soluble Petroleum Sulfonates by Liquid Chromatography; Replaced by D3712
D2549-02(2007) Test Method for Separation of Representative Aromatics and Nonaromatics Fractions of High-Boiling Oils by Elution Chromatography, **05.01**
D2550 Withdrawn 1991; Test Method for Water Separation Characteristics of Aviation Turbine Fuels
D2551 Withdrawn 1989; Test Method for Vapor Pressure of Petroleum Products
D2552 Withdrawn 1987; Method of Test for Environmental Stress Rupture of Type III Polyethylenes Under Constant Tensile Load
D2553 Withdrawn 1992; Test Method for Detecting Odor of Drycleaning Detergent on a Drycleaned Garment
D2554 Withdrawn 1992; Test Method for Flash Point of Drycleaning Detergents in the Drycleaning Bath
D2555-06 Practice for Establishing Clear Wood Strength Values, **04.10**
D2556-93a(2005) Test Method for Apparent Viscosity of Adhesives Having Shear-Rate-Dependent Flow Properties, **15.06**
D2557-98(2004) Test Method for Tensile-Shear Strength of Adhesives in the Subzero Temperature Range from −267.8 to −55°C (−450 to −67°F), **15.06**
D2558 Withdrawn 1992; Test Method for Evaluating Peel Strength of Shoe Sole-Attaching Adhesives
D2559-09 Specification for Adhesives for Structural Laminated Wood Products for Use Under Exterior (Wet Use) Exposure Conditions, **15.06**
D2560 Withdrawn 1987; Specification for Solvent Cements for Cellulose Acetate Butyrate (CAB) Plastic Pipe, Tubing, and Fittings
D2561-95(2005) Test Method for Environmental Stress-Crack Resistance of Blow-Molded Polyethylene Containers, **08.01**
D2562-94(2008) Practice for Classifying Visual Defects in Parts Molded from Reinforced Thermosetting Plastics, **08.01**
D2563-08 Practice for Classifying Visual Defects in Glass-Reinforced Plastic Laminate Parts, **08.01**
D2564-04$^{\varepsilon 1}$ Specification for Solvent Cements for Poly(Vinyl Chloride) (PVC) Plastic Piping Systems, **08.04**
D2565-99(2008) Practice for Xenon-Arc Exposure of Plastics Intended for Outdoor Applications, **08.01**
D2566 Withdrawn 1993; Test Method for Linear Shrinkage of Cured Thermosetting Casting Resins During Cure
D2567 Withdrawn 1984; Molecular Distribution Analysis for Monoalkylbenzenes by Mass Spectrometry
D2568 Withdrawn 1980; Recommended Practice for Calculation of Absorbed Dose from Gamma Radiation; Replaced by E665
D2569 Withdrawn 2006; Test Method for Distillation of Pitch
D2570-09 Test Method for Simulated Service Corrosion Testing of Engine Coolants, **15.05**
D2571 Withdrawn 2003; Guide forTesting Wood Furniture Lacquers
D2572-97(2003)$^{\varepsilon 1}$ Test Method for Isocyanate Groups in Urethane Materials or Prepolymers, **06.03**
D2573-08 Test Method for Field Vane Shear Test in Cohesive Soil, **04.08**
D2574-06 Test Method for Resistance of Emulsion Paints in the Container to Attack by Microorganisms, **06.01**
D2575 Withdrawn 2007; Methods of Testing Polymerized Fatty Acids
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D2577 Withdrawn 1989; Test Method for Radioactive Cesium in Water
D2578-09 Test Method for Wetting Tension of Polyethylene and Polypropylene Films, **08.01**
D2579 Withdrawn 2002; Test Method for Total Organic Carbon in Water
D2580-06 Test Method for Phenols in Water by Gas-Liquid Chromatography, **11.02**
D2581-09 Specification for Polybutylene (PB) Plastics Molding and Extrusion Materials, **08.01**
D2582-09 Test Method for Puncture-Propagation Tear Resistance of Plastic Film and Thin Sheeting, **08.01**
D2583-07 Test Method for Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor, **08.01**
D2584-08 Test Method for Ignition Loss of Cured Reinforced Resins, **08.01**
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D2586 Withdrawn 1996; Test Method for Hydrostatic Compressive Strength of Glass-Reinforced Plastic Cylinders
D2587 Withdrawn 1990; Test Method for Acetone Extraction and Ignition of Glass Fiber Strands
D2588 Withdrawn 1972; Method of Test for Standard Plate Count of Casein and Isolated Soy Protein
D2589-88(2006)$^{\varepsilon 1}$ Test Method for McNett Wet Classification of Dual Asbestos Fiber, **04.05**
D2590-98(2006)$^{\varepsilon 1}$ Test Method for Sampling Chrysotile Asbestos, **04.05**
D2591-07 Test Method for Linear Density of Elastomeric Yarns (Short Length Specimens), **07.01**
D2592 Withdrawn 1972; Method of Test for Sieve Analysis of Casein and Isolated Soy Protein
D2593-93(2009) Test Method for Butadiene Purity and Hydrocarbon Impurities by Gas Chromatography, **05.01**
D2594-04(2008)$^{\varepsilon 1}$ Test Method for Stretch Properties of Knitted Fabrics Having Low Power, **07.01**
D2595-96(2008) Test Method for Evaporation Loss of Lubricating Greases Over Wide-Temperature Range, **05.01**
D2596-97(2008) Test Method for Measurement of Extreme-Pressure Properties of Lubricating Grease (Four-Ball Method), **05.01**
D2597-94(2004) Test Method for Analysis of Demethanized Hydrocarbon Liquid Mixtures Containing Nitrogen and Carbon Dioxide by Gas Chromatography, **05.01**
D2598-02(2007) Practice for Calculation of Certain Physical Properties of Liquefied Petroleum (LP) Gases from Compositional Analysis, **05.01**
D2599 Withdrawn 1993; Methods of Test for Lead in Gasoline by X-ray Spectrometry
D2600 Withdrawn 1992; Test Method for Aromatic Traces in Light Saturated Hydrocarbons by Gas Chromatography; Replaced by D4420
D2601 Withdrawn 1985; Test Method for Hydrocarbon Types in Propylene Tetramer by Low Ionizing Voltage Mass Spectrometry
D2602 Withdrawn 1993; Apparent Viscosity of Engine Oils at Low Temperature Using the Cold-Cranking Simulator; Replaced by D5293
D2603-01(2007) Test Method for Sonic Shear Stability of Polymer-Containing Oils, **05.01**
D2604 Withdrawn 2006; Specification for High-Boiling Hydrocarbon Solvent for Preparing Oil-Borne Preservative Solutions
D2605 Withdrawn 1993; Specification for Volatile Petroleum Solvent (LPG) for Preparing Pentachlorophenol Solutions
D2606 Withdrawn 2006; Test Method for Solubility of Pentachlorophenol in Heavy Hydrocarbon Solvents
D2607 Withdrawn 1992; Classification of Peats, Mosses, Humus, and Related Products
D2608 Withdrawn 1990; Test Method for Copper in Electrical Insulating Oils by Photometric Analysis
D2609-02(2008) Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe, **08.04**
D2610 Withdrawn 1979; Specification for Butt Fusion Polyethylene (PE) Plastic Pipe Fittings, Schedule 40; Replaced by D3261
D2611 Withdrawn 1979; Specification for Butt Fusion Polyethylene (PE) Plastic Pipe Fittings, Schedule 80; Replaced by D3261
D2612-99(2005) Test Method for Fiber Cohesion in Sliver and Top (Static Tests), **07.01**
D2613-01(2006) Test Method for Calcium or Zinc in Paint Driers by EDTA Method, **06.01**
D2614 Withdrawn 1971; Method of Test for Giding Poer of Chromatic Paints; Replaced by D2805
D2615 Withdrawn 1981; Method of Test for Free Yoluene Diisocyanate in Urethane Polymers by Distillation; Replaced by D3432
D2616-96(2003) Test Method for Evaluation of Visual Color Difference With a Gray Scale, **06.01**
D2617-06 Test Method for Total Ash in Leather, **15.04**
D2618 Withdrawn 1984; Method of Test for Pressure Blocking and Picking Points of Petroleum Wax
D2619-95(2002)$^{\varepsilon 1}$ Test Method for Hydrolytic Stability of Hydraulic Fluids (Beverage Bottle Method), **05.01**
D2620 Withdrawn 2001; Test Method for Light Stability of Clear Coatings
D2621-87(2005) Test Method for Infrared Identification of Vehicle Solids From Solvent-Reducible Paints, **06.01**
D2622-08 Test Method for Sulfur in Petroleum Products by Wavelength Dispersive X-ray Fluorescence Spectrometry, **05.01**
D2623 Withdrawn 1991; Test Method for Knock Characteristics of Liquified Petroleum (LP) Gases by the Motor (LP) Method
D2624-07a Test Methods for Electrical Conductivity of Aviation and Distillate Fuels, **05.01**
D2625-94(2003) Test Method for Endurance (Wear) Life and Load-Carrying Capacity of Solid Film Lubricants (Falex Pin and Vee Method), **05.01**
D2626-04 Specification for Asphalt-Saturated and Coated Organic Felt Base Sheet Used in Roofing, **04.04**
D2627-08 Specification for Diacetone Alcohol, **06.04**
D2628-91(2005) Specification for Preformed Polychloroprene Elastomeric Joint Seals for Concrete Pavements, **04.03**
D2629 Withdrawn 1977; Specification for Hot Mixed, Hot Laid Emulsified Asphalt Paving Mixtures; Replaced by D3515
D2630 Withdrawn 1990; Test Method for Rubber Property—Adhesion to Fabrics (Strap Peel Test); Replaced by D4393, D4776, D4777
D2631 Withdrawn 1985; Methods for Testing Paper by Direct-Voltage Life Testing of Capacitors
D2632-01(2008) Test Method for Rubber Property—Resilience by Vertical Rebound, **09.01**
D2633-08 Test Methods for Thermoplastic Insulations and Jackets for Wire and Cable, **10.02**
D2634-07 Specification for Methyl Amyl Acetate (95 % Grade), **06.04**
D2635-07 Specification for Methyl Isobutyl Carbinol, **06.04**
D2636-07 Specification for Hexylene SUE Glycol, **06.04**
D2637 Withdrawn 1972; Specification for Hexyl Acetate
D2638-06 Test Method for Real Density of Calcined Petroleum Coke by Helium Pycnometer, **05.01**
D2639-08 Test Method for Plastic Properties of Coal by the Constant-Torque Gieseler Plastometer, **05.06**
D2640 Withdrawn 1973; Method of Test for Drop Shatter Test for Large Coke; Replaced by D3038
D2641 Withdrawn 1995; Test Methof for Chlorine in Cellulose
D2642 Withdrawn 1972; Method of Test for Viscosity of Casein and Isolated Soy Protein
D2643-08 Specification for Prefabricated Bituminous Geomembrane Used as Canal and Ditch Liner (Exposed Type), **04.13**
D2644-02(2007) Tolerances for Yarns Spun on the Woolen System, **07.01**

D2645-07 Tolerances for Yarns Spun on the Cotton or Worsted Systems, **07.01**
D2646-05 Test Methods for Backing Fabric Characteristics of Pile Yarn Floor Coverings, **07.01**
D2647-09 Specification for Crosslinkable Ethylene Plastics, **08.01**
D2648 Withdrawn 1977; Recommended Practice for Measuring Time to Failure by Rupture of Plastics Under Tension in Various Environments; Replaced by D2990
D2649-04(2009) Test Method for Corrosion Characteristics of Solid Film Lubricants, **05.01**
D2650-04 Test Method for Chemical Composition of Gases By Mass Spectrometry, **05.01**
D2651-01(2008) Guide for Preparation of Metal Surfaces for Adhesive Bonding, **15.06**
D2652-05a Terminology Relating to Activated Carbon, **15.01**
D2653-07 Test Method for Tensile Properties of Elastomeric Yarns (CRE Type Tensile Testing Machines), **07.01**
D2654 Withdrawn 1998; Test Methods for Moisture in Textiles
D2655-00(2006) Specification for Crosslinked Polyethylene Insulation for Wire and Cable Rated 0 to 2000 V, **10.02**
D2656-06 Specification for Crosslinked Polyethylene Insulation for Wire and Cable Rated 2001 to 35 000 V, **10.02**
D2657-07 Practice for Heat Fusion Joining of Polyolefin Pipe and Fittings, **08.04**
D2658-04(2009) Test Method for Determining Interior Dimensions of Fiberboard Boxes (Box Gage Method), **15.10**
D2659-95(2005) Test Method for Column Crush Properties of Blown Thermoplastic Containers, **08.01**
D2660 Withdrawn 1990; Test Method for Finish Content of Woven Glass Fabric, Cleaned and After-Finished with Acrylic-Silane Type Finishes, for Plastic Laminates
D2661-08 Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings, **08.04**
D2662 Withdrawn 2003; Specification for Polybutylene (PB) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter
D2663-08 Test Methods for Carbon Black—Dispersion in Rubber, **09.01**
D2664 Withdrawn 2005; Test Method for Triaxial Compressive Strength of Undrained Rock Core Specimens Without Pore Pressure Measurements; Replaced by D7012
D2665-09 Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings, **08.04**
D2666 Withdrawn 2005; Specification for Polybutylene (PB) Plastic Tubing
D2667-95(2008) Test Method for Biodegradability of Alkylbenzene Sulfonates, **11.06**
D2668-07 Test Method for 2,6-di-tert-Butyl- p-Cresol and 2,6-di-tert-Butyl Phenol in Electrical Insulating Oil by Infrared Absorption, **10.03**
D2669-06 Test Method for Apparent Viscosity of Petroleum Waxes Compounded with Additives (Hot Melts), **05.01**
D2670-95(2004) Test Method for Measuring Wear Properties of Fluid Lubricants (Falex Pin and Vee Block Method), **05.01**
D2671-09 Test Methods for Heat-Shrinkable Tubing for Electrical Use, **10.02**
D2672-96a(2009) Specification for Joints for IPS PVC Pipe Using Solvent Cement, **08.04**
D2673-09 Specification for Oriented Polypropylene Film, **08.01**
D2674-72(2004)$^{\epsilon 1}$ Methods of Analysis of Sulfochromate Etch Solution Used in Surface Preparation of Aluminum, **15.06**
D2675 Withdrawn 1985; Method of Test for Copper in Insulating Oils Spectrochemically by the Solution-Rotating Disk Method
D2676 Redesignated G22
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D2678 Withdrawn 1991; Practice for Spinning Tests on the Cotton System for Measurement of Yarn Properties
D2679 Withdrawn 1980; Method of Test for Electrostatic Charge; Replaced by D4470
D2680-01(2009) Specification for Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Composite Sewer Piping, **08.04**
D2681 Withdrawn 1972; Method of Test for Lead in the Atmosphere
D2682 Withdrawn 1979; Method of Test for Polynuclear Aromatic Hydrocarbons in Air Particulate Matter
D2683-04 Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing, **08.04**
D2684-95(2005) Test Method for Permeability of Thermoplastic Containers to Packaged Reagents or Proprietary Products, **08.01**
D2685-95(2003) Test Method for Air and Carbon Tetrafluoride in Sulfur Hexafluoride by Gas Chromatography, **10.03**
D2686-06 Specification for Polytetrafluoroethylene-Backed Pressure-Sensitive Electrical Insulating Tape, **10.02**
D2687-95(2007)$^{\epsilon 1}$ Practices for Sampling Particulate Ion-Exchange Materials, **11.02**
D2688-05 Test Method for Corrosivity of Water in the Absence of Heat Transfer (Weight Loss Method), **11.01**
D2689 Withdrawn 2008; Practices for Testing Alkyd Resins
D2690 Withdrawn 2007; Test Method for Isophthalic Acid in Alkyd and Polyester Resins
D2691 Withdrawn 1993; Test Method for Microscopical Measurement of Dry Film Thickness of Coatings on Wood Products; Replaced by D5235
D2692/D2692M-10 Test Method for Air Wicking of Tire Fabrics, Tire Cord Fabrics, Tire Cord, and Yarns, **07.01**
D2693-07 Specification for Ethylene Glycol, **06.04**
D2694-05 Specification for Diethylene Glycol, **06.04**
D2695 Withdrawn 1991; Specification for Propylene Glycol
D2696 Withdrawn 1991; Specification for Dipropylene Glycol
D2697-03(2008) Test Method for Volume Nonvolatile Matter in Clear or Pigmented Coatings, **06.01**
D2698-05 Test Method for Determination of the Pigment Content of Solvent-Reducible Paints by High-Speed Centrifuging, **06.01**
D2699-09 Test Method for Research Octane Number of Spark-Ignition Engine Fuel, **05.05**
D2700-09 Test Method for Motor Octane Number of Spark-Ignition Engine Fuel, **05.05**
D2701 Withdrawn 1977; Method for Chemical Analysis for Aluminum Oxide Content of Titanium Dioxide Pigments; Replaced by D1394
D2702-05 Practice for Rubber Chemicals—Determination of Infrared Absorption Characteristics, **09.01**
D2703 Withdrawn 2000; Practice for Rubber Chemicals—Determination of Ultraviolet Absorbance Characteristics
D2704 Withdrawn 1973; Method of Test for Measurement of Curing Characteristics with the Cepar Cure Meter
D2705 Withdrawn 1973; Method of Test for Measurement of Curing Characteristics with the Oscillating Disc Rheometer Cure Meter
D2706 Withdrawn 1973; Method of Test for Measurement of Curing Characteristics with the Viscometer Cure Meter
D2707 Withdrawn 1989; Test Method for Hard Rubber in Tension
D2708 Withdrawn 1985; Specification for Extra-Heavy-Duty Acrylonitrile-Butadiene/Poly(Vinyl Chloride)(NBR/PVC) Jacket for Wire and Cable; Replaced by D4244
D2709-96(2006) Test Method for Water and Sediment in Middle Distillate Fuels by Centrifuge, **05.01**
D2710-09 Test Method for Bromine Index of Petroleum Hydrocarbons by Electrometric Titration, **05.01**
D2711-01a(2007)$^{\epsilon 1}$ Test Method for Demulsibility Characteristics of Lubricating Oils, **05.01**
D2712-91(2003)$^{\epsilon 1}$ Test Method for Hydrocarbon Traces in Propylene Concentrates by Gas Chromatography, **05.01**
D2713-07 Test Method for Dryness of Propane (Valve Freeze Method), **05.01**
D2714-94(2009) Test Method for Calibration and Operation of the Falex Block-on-Ring Friction and Wear Testing Machine, **05.01**
D2715-92(2007) Test Method for Volatilization Rates of Lubricants in Vacuum, **05.01**
D2716 Withdrawn 1982; Method of Test for Coefficient of Friction and Wear Characteristics of Solid Film Lubricants in Vacuum and Other Controlled Atmospheres
D2717-95(2009) Test Method for Thermal Conductivity of Liquids, **05.01**
D2718-00(2006) Test Methods for Structural Panels in Planar Shear (Rolling Shear), **04.10**
D2719-89(2007) Test Methods for Structural Panels in Shear Through-the-Thickness, **04.10**
D2720-94(2006) Practice for Calculation of Commercial Weight and Yield of Scoured Wool, Top, and Noil for Various Commercial Compositions, **07.01**
D2721 Withdrawn 1989; Method of Test for Effects of Drycleaning on Permanence of Durable Water-Repellent Finish
D2722 Withdrawn 1976; Method of Test for Knock Characteristics of Motor Fuels Using the Compression Ratio (CR) Technique for Research Ratings; Replaced by D2699
D2723 Withdrawn 1976; Method of Test for Characteristics of Motor Fuels Using the Compression Ratio (CR) Technique for Motor Ratings; Replaced by D2700
D2724-07 Test Methods for Bonded, Fused, and Laminated Apparel Fabrics, **07.01**
D2725 Withdrawn 1996; Test Method for Hydrogen Sulfide in Natural Gas (Methylene Blue Method)
D2726-09 Test Method for Bulk Specific Gravity and Density of Non-Absorptive Compacted Bituminous Mixtures, **04.03**
D2727 Withdrawn 1979; Test for Coating and Resistance to Stripping of Bituminous-Aggregate Mixtures Containing Adhesion Promoting Agents
D2728-98(2009) Practice for Paving Uses and Application Temperatures for Road Tars, **04.03**
D2729-03 Specification for Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings, **08.04**
D2730 Withdrawn 1987; Method for Sag Flow of Highly Viscous Materials
D2731-07 Test Method for Elastic Properties of Elastomeric Yarns (CRE Type Tensile Testing Machines), **07.01**
D2732-08 Test Method for Unrestrained Linear Thermal Shrinkage of Plastic Film and Sheeting, **08.01**
D2733 Withdrawn 1981; Method of Test for Interlaminar Shear Strength of Structural reiRforced Plastics at Elevated Temperatures; Replaced by D3846
D2734-09 Test Methods for Void Content of Reinforced Plastics, **08.01**
D2735 Withdrawn 1985; Practice for Determination of Effect of Cyclic Immerson of Syntactic Foam at Pressure
D2736 Withdrawn 1985; Practice for Determination of Hydrostatic CompreSsive strength of Syntactic Foam
D2737-03 Specification for Polyethylene (PE) Plastic Tubing, **08.04**
D2738 Withdrawn 1982; Test Method for Bursting Strength of Corrugated and Solid Fiberboard; Replaced by TAPPI T 810
D2739-97(2004) Test Method for Volume Resistivity of Conductive Adhesives, **15.06**
D2740 Withdrawn 1991; Specification for Poly(Vinyl Chloride)(PVC) Plastic Tubing

D2741-95(2005) Test Method for Susceptibility of Polyethylene Bottles to Soot Accumulation, **08.01**
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D2743-68(2004) Practices for Uniformity of Traffic Paint Vehicle Solids by Spectroscopy and Gas Chromatography, **06.02**
D2744 Withdrawn 1987; Specification for Tribasic Lead Phosphosilicate
D2745-00(2008) Test Method for Relative Tinting Strength of White Pigments by Reflectance Measurements, **06.01**
D2746-07 Test Method for Staining Tendency of Asphalt (Stain Index), **04.04**
D2747 Withdrawn 1986; Method of Test for Trace Quantities of Total Sulfur in Volatile Organic Liquids (Oxy-Hydrogen Combustion Method)
D2748 Withdrawn 1987; Method of Test for Pyridine Bases in Tar Acids; Replaced by D4471
D2749-02(2008) Symbols for Dimensions of Plastic Pipe Fittings, **08.04**
D2750 Withdrawn 1997; Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastics Utilities Conduit and Fittings
D2751-05 Specification for Acrylonitrile-Butadiene-Styrene (ABS) Sewer Pipe and Fittings, **08.04**
D2752-88(2006) Test Methods for Air Permeability of Asbestos Fibers, **04.05**
D2753 Withdrawn 1993; Specification for Electrolytic Capacitor Paper
D2754-99(2004) Specification for High-Temperature Glass Cloth Pressure-Sensitive Electrical Insulating Tape, **10.02**
D2755 Withdrawn 2003; Test Method of Sampling and Reduction to Test Weight of Electrical Grade Magnesium Oxide
D2756-07 Test Method for Weight Loss of Electrical Insulating Varnishes, **10.02**
D2757 Withdrawn 2001; Specification for Impervious Steatite Ceramics for Electrical and Electronic Applications
D2758-94(2009) Test Method for Engine Coolants by Engine Dynamometer, **15.05**
D2759-00(2005) Practice for Sampling Gas from a Transformer Under Positive Pressure, **10.03**
D2760 Withdrawn 2000; Test Method for Analysis of Sodium Triphosphate by the Simplified Paper Chromatographic Method
D2761 Withdrawn 2001; Test Method for Analysis of Sodium Triphosphate by the Simplified Ion Exchange Method
D2762 Withdrawn 1992; Specification for Drycleaning Detergent, Non-Charge Type
D2763 Withdrawn 1993; Specification for Drycleaning Detergent, Liquid Charge Type
D2764-99(2009) Test Method for Dimethylformamide-Insoluble (DMF-I) Content of Tar and Pitch, **05.01**
D2765-01(2006) Test Methods for Determination of Gel Content and Swell Ratio of Crosslinked Ethylene Plastics, **08.01**
D2766-95(2009) Test Method for Specific Heat of Liquids and Solids, **05.01**
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D2768 Withdrawn 2007; Specification for General-Purpose Ethylene-Propylene Rubber Jacket for Wire and Cable
D2769 Withdrawn 1987; Method of Testing Rubber Hose Used for Liquefied Petroleum Gas Extractable Material
D2770 Withdrawn 2007; Specification for Ozone-Resisting Ethylene-Propylene Rubber Integral Insulation and Jacket for Wire and Cable
D2771 Withdrawn 2003; Test Methods for Compaction Density of Electrical Grade Magnesium Oxide
D2772 Withdrawn 2003; Test Method for Sieve Analysis of Electrical Grade Magnesium Oxide
D2773 Withdrawn 2003; Test Method for Loss on Ignition of Electrical Grade Magnesium Oxide
D2774-08 Practice for Underground Installation of Thermoplastic Pressure Piping, **08.04**
D2775 Withdrawn 1975; Method of Test for Insolubles in Casein
D2776 Withdrawn 1991; Test Methods for Corrosivity of Water in the Absence of Heat Transfer (Electrical Methods); Replaced by G96
D2777-08$^{\varepsilon 1}$ Practice for Determination of Precision and Bias of Applicable Test Methods of Committee D19 on Water, **11.01**
D2778 Withdrawn 1982; Method of Test for Solvent Extraction of Organic Matter from Water
D2779-92(2007) Test Method for Estimation of Solubility of Gases in Petroleum Liquids, **05.01**
D2780-92(2007) Test Method for Solubility of Fixed Gases in Liquids, **05.01**
D2781 Withdrawn 1992; Test Method for Compatibility of Fuel Oil Blends by Spot Test; Replaced by D4740
D2782-02(2008) Test Method for Measurement of Extreme-Pressure Properties of Lubricating Fluids (Timken Method), **05.01**
D2783-03(2009) Test Method for Measurement of Extreme-Pressure Properties of Lubricating Fluids (Four-Ball Method), **05.01**
D2784-06 Test Method for Sulfur in Liquefied Petroleum Gases (Oxy-Hydrogen Burner or Lamp), **05.01**
D2785 Withdrawn 1989; Test Method for Trace Quantities of Total Sulfur (Wickbold and Beckman Combustion Apparatus)
D2786-91(2006) Test Method for Hydrocarbon Types Analysis of Gas-Oil Saturates Fractions by High Ionizing Voltage Mass Spectrometry, **05.01**
D2787 Withdrawn 1985; Method of Test for Lead and Vanadium in Gas Turbine Fuels
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D2789-95(2005) Test Method for Hydrocarbon Types in Low Olefinic Gasoline by Mass Spectrometry, **05.01**
D2790 Withdrawn 1993; Methods of Analysis of Solvent Systems Used for Removal of Water-Formed Deposits
D2791-07 Test Method for On-line Determination of Sodium in Water, **11.01**
D2792-69(2004) Test Method for Solvent and Fuel Resistance of Traffic Paint, **06.02**
D2793-99(2005) Test Method for Block Resistance of Organic Coatings on Wood Panel Substrates, **06.02**
D2794-93(2004) Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact), **06.01**
D2795 Withdrawn 2001; Test Method for Analysis of Coal and Coke Ash
D2796 Withdrawn 1995; Terminology Relating to Megascopic Description of Coal and Coal Seams and Microscopical Description and Analysis of Coal
D2797/D2797M-09 Practice for Preparing Coal Samples for Microscopical Analysis by Reflected Light, **05.06**
D2798-09a Test Method for Microscopical Determination of the Vitrinite Reflectance of Coal, **05.06**
D2799-09 Test Method for Microscopical Determination of the Maceral Composition of Coal, **05.06**
D2800 Withdrawn 2007; Test Method for Preparation of Methyl Esters From Oils for Determination of Fatty Acid Composition by Gas-Liquid Chromatography
D2801 Withdrawn 1990; Test Method for Leveling Characteristics of Paints by Draw-Down Method
D2802-03 Specification for Ozone-Resistant Ethylene-Alkene Polymer Insulation for Wire and Cable, **10.02**
D2803-09 Guide for Testing Filiform Corrosion Resistance of Organic Coatings on Metal, **06.01**
D2804-02(2007) Test Method for Purity of Methyl Ethyl Ketone By Gas Chromatography, **06.04**
D2805-96a(2003) Test Method for Hiding Power of Paints by Reflectometry, **06.01**
D2806 Withdrawn 1982; Test Method for Flat Crush of Corrugating Medium; Replaced by TAPPI T 809
D2807-93(2009) Test Method for Chromic Oxide in Leather (Perchloric Acid Oxidation), **15.04**
D2808 Withdrawn 1991; Test Method for Compressive Strength of Corrugated Fiberboard (Short Column Test)
D2809-09 Test Method for Cavitation Corrosion and Erosion-Corrosion Characteristics of Aluminum Pumps With Engine Coolants, **15.05**
D2810-07 Test Method for pH of Leather, **15.04**
D2811 Withdrawn 1991; Methods for Spinning Tests on the Cotton System for Measurement of Spinning Performance
D2812-07 Test Method for Non-Lint Content of Cotton, **07.01**
D2813-03(2008) Practice for Sampling Leather for Physical and Chemical Tests, **15.04**
D2814 Withdrawn 1978; Method of Test for Color Change Due to Flat Abrasion (Frosting)
D2815 Withdrawn 1976; Specification for Cleaning Compound, General Purpose
D2816-05(2009) Test Method for Cashmere Coarse-Hair Content in Cashmere, **07.01**
D2817-05(2009) Specification for Maximum Cashmere Coarse-Hair Content in Cashmere, **07.01**
D2818 Withdrawn 1992; Specification for Homogeneous Bituminized Fiber Pipe for Airport and Highway Drainage
D2819 Withdrawn 1984; Specification for Extra-Heavy-Duty Black Polychloroprene Jacket for Wire and Cable; Replaced by D4247
D2820 Withdrawn 1993; Test Method for C_1 through C_5 Hydrocarbons in the Atmosphere By Gas Chromatography
D2821-09 Test Method for Measuring the Relative Stiffness of Leather by Means of a Torsional Wire Apparatus, **15.04**
D2822-05 Specification for Asphalt Roof Cement, **04.04**
D2823-05 Specification for Asphalt Roof Coatings, **04.04**
D2824-06 Specification for Aluminum-Pigmented Asphalt Roof Coatings, Nonfibered, Asbestos Fibered, and Fibered without Asbestos, **04.04**
D2825-02(2008) Terminology Relating to Polishes and Related Materials, **15.04**
D2826 Withdrawn 1979; Specification for Styrene Monomer 993
D2827-08 Specification for Styrene Monomer, **06.04**
D2828 Withdrawn 2004; Specification for Nonbituminous Inserts for Contraction Joints in Portland Cement Concrete Airfield Pavements, Sawable Type
D2829-07 Practice for Sampling and Analysis of Existing Built-Up Roof Systems, **04.04**
D2830 Withdrawn 2004; Test Method for Exterior Durability of Factory-Primed Field Finished Wood Products
D2831 Withdrawn 1981; Method of Test for Evaluating the Ability of a Latex Paint to Resist Efflorescence from the Substrate
D2832-92(2005) Guide for Determining Volatile and Nonvolatile Content of Paint and Related Coatings, **06.01**
D2833 Withdrawn 1994; Index of Methods for Testing Architectural Paints and Coatings; Replaced by D5324
D2834-95(2008) Test Method for Nonvolatile Matter (Total Solids) in Water-Emulsion Floor Polishes, Solvent-Based Floor Polishes, and Polymer-Emulsion Floor Polishes, **15.04**
D2835-89(2007) Specification for Lubricant for Installation of Preformed Compression Seals in Concrete Pavements, **04.03**
D2836 Withdrawn 1977; Specification for Filled Poly(Vinyl Chloride)(PVC) Sewer Pipe
D2837-08 Test Method for Obtaining Hydrostatic Design Basis for Thermo-

plastic Pipe Materials or Pressure Design Basis for Thermoplastic Pipe Products, **08.04**

D2838-09 Test Method for Shrink Tension and Orientation Release Stress of Plastic Film and Thin Sheeting, **08.01**

D2839-05 Practice for Use of a Melt Index Strand for Determining Density of Polyethylene, **08.01**

D2840 Withdrawn 1984; Method of Test for Average True Particle Density of Hollow Microspheres

D2841 Withdrawn 1999; Practice for Sampling Hollow Microspheres

D2842-06 Test Method for Water Absorption of Rigid Cellular Plastics, **08.01**

D2843-10 Test Method for Density of Smoke from the Burning or Decomposition of Plastics, **08.01**

D2844-07 Test Method for Resistance R-Value and Expansion Pressure of Compacted Soils, **04.08**

D2845-08 Test Method for Laboratory Determination of Pulse Velocities and Ultrasonic Elastic Constants of Rock, **04.08**

D2846/D2846M-09b Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems, **08.04**

D2847-07 Practice for Testing Engine Coolants in Car and Light Truck Service, **15.05**

D2848 Withdrawn 1983; Specification for Reinforced Polycarbonate Injection Molding and Extrusion Materials; Replaced by D3935

D2849 Withdrawn 1989; Method of Testing Urethane Foam Polyol Raw Materials

D2850-03a(2007) Test Method for Unconsolidated-Undrained Triaxial Compression Test on Cohesive Soils, **04.08**

D2851-98(2009) Specification for Liquid Optical Adhesive, **15.06**

D2852-95(2008) Specification for Styrene-Rubber (SR) Plastic Drain Pipe and Fittings, **08.04**

D2853 Withdrawn 1989; Specification for Reinforced Olefin Injection Molding and Extrusion Materials

D2854-09 Test Method for Apparent Density of Activated Carbon, **15.01**

D2855-96(2002) Practice for Making Solvent-Cemented Joints with Poly(Vinyl Chloride) (PVC) Pipe and Fittings, **08.04**

D2856 Withdrawn 2006; Test Method for Open-Cell Content of Rigid Cellular Plastics by the Air Pycnometer; Replaced by D6226

D2857-95(2007) Practice for Dilute Solution Viscosity of Polymers, **08.01**

D2858 Withdrawn 2003; Test Method for Thermal Conductivity of Electrical Grade Magnesium Oxide

D2859-06 Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials, **04.07**

D2860M Withdrawn 1998; Replaced by D2860/D2860M

D2860/D2860M-04 Test Method for Adhesion of Pressure-Sensitive Tape to Fiberboard at 90° Angle and Constant Stress, **15.10**

D2861-87(2009) Test Methods for Flexible Composites of Copper Foil with Dielectric Film or Treated Fabrics, **10.02**

D2862-97(2009)$^{\varepsilon 1}$ Test Method for Particle Size Distribution of Granular Activated Carbon, **15.01**

D2863-09 Test Method for Measuring the Minimum Oxygen Concentration to Support Candle-Like Combustion of Plastics (Oxygen Index), **08.01**

D2864-09 Terminology Relating to Electrical Insulating Liquids and Gases, **10.03**

D2865M-06 Practice for Calibration of Standards and Equipment for Electrical Insulating Materials Testing, **10.02**

D2866-94(2004) Test Method for Total Ash Content of Activated Carbon, **15.01**

D2867-09 Test Methods for Moisture in Activated Carbon, **15.01**

D2868-07 Test Method for Nitrogen Content (Kjeldahl) and Hide Substance Content of Leather, **15.04**

D2869 Withdrawn 1974; Method of Test for Black Heel Marking Tendencies of Waxes and Polymer Floor Finishes

D2870 Withdrawn 1996; Test method for Gel Time of Tar Acids

*D2871 Withdrawn 1984; Specification for p-tert-*butylphenol 98

D2872-04 Test Method for Effect of Heat and Air on a Moving Film of Asphalt (Rolling Thin-Film Oven Test), **04.03**

D2873 Withdrawn 2003; Test Method for Interior Porosity of Poly(Vinyl Chloride) (PVC) Resins by Mercury Intrusion Porosimetry

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D2875-00(2010) Test Method for Insoluble Ash of Vegetable-Tanned Leather, **15.04**

D2876-00(2010) Test Method for Water-Soluble Matter of Vegetable-Tanned Leather, **15.04**

D2877 Withdrawn 1975; Methods of Test for Measuring Frictional Properties of Slideway Lubricants

D2878-95(2009) Test Method for Estimating Apparent Vapor Pressures and Molecular Weights of Lubricating Oils, **05.01**

D2879-97(2007) Test Method for Vapor Pressure-Temperature Relationship and Initial Decomposition Temperature of Liquids by Isoteniscope, **05.01**

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D2881-03(2009) Classification for Metal Working Fluids and Related Materials, **05.01**

D2882 Withdrawn 2003; Test Method for Indicating Wear Characteristics of Petroleum and Non-Petroleum Hydraulic Fluids in Constant Volume Vane Pump

D2883-95(2009) Test Method for Reaction Threshold Temperature of Liquid and Solid Materials, **05.01**

D2884-93(2007) Test Method for Yield Stress of Heterogeneous Propellants by Cone Penetration Method, **05.01**

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D2886 Withdrawn 1991; Test Method for Knock Characteristics of Motor Fuels by the Distribution Octane Number (DON) Method

D2887-08 Test Method for Boiling Range Distribution of Petroleum Fractions by Gas Chromatography, **05.01**

D2888 Withdrawn 1982; Method for Analysis of Liquified Petroleum Gases (LPG) by Process Gas Chromatography

D2889-95(2005)$^{\varepsilon 1}$ Test Method for Calculation of True Vapor Pressures of Petroleum Distillate Fuels, **05.01**

D2890-92(2008) Test Method for Calculation of Liquid Heat Capacity of Petroleum Distillate Fuels, **05.01**

D2891 Withdrawn 1981; Methods for Validation of Results of Process Distillation Analyzers; Replaced by D3764

D2892-05 Test Method for Distillation of Crude Petroleum (15-Theoretical Plate Column), **05.01**

D2893-04(2009) Test Methods for Oxidation Characteristics of Extreme-Pressure Lubrication Oils, **05.01**

D2894 Withdrawn 1979; Methods for Analysis of Calcium and Barium Petroleum Sulfonates by Liquid Chromatography; Replaced by D3712

D2895 Withdrawn 2004; Test Method for Gloss Retention of Waxed Paper and Paperboard After Storage at 40°C (104°F)

D2896-07a Test Method for Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration, **05.01**

D2897 Withdrawn 1984; Specification for Reinforced and Filled Nylon Injection Molding and Extrusion Materials; Replaced by D4066

D2898-10 Practice for Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing, **04.10**

D2899-03 Practice for Establishing Allowable Stresses for Round Timber Piles, **04.10**

D2900 Withdrawn 2003; Test Method for Accelerated Life Test of Electrical Grade Magnesium Oxide as Used in Sheathed-Type Electric Heating Elements

D2901 Withdrawn 2006; Test Method for Cement Content of Freshly Mixed Soil-Cement

D2902-00(2006) Specification for Fluoropolymer Resin Heat-Shrinkable Tubing for Electrical Insulation, **10.02**

D2903-03 Specification for Crosslinked Chlorinated Polyolefin Heat-Shrinkable Tubing for Electrical Insulation, **10.02**

D2904 Withdrawn 2008; Practice for Interlaboratory Testing of a Textile Test Method that Produces Normally Distributed Data

D2905 Withdrawn 2008; Practice for Statements on Number of Specimens for Textiles

D2906 Withdrawn 2008; Practice for Statements on Precision and Bias for Textiles

D2907 Withdrawn 2003; Test Methods for Microquantities of Uranium in Water by Fluorometry

D2908-91(2005) Practice for Measuring Volatile Organic Matter in Water by Aqueous-Injection Gas Chromatography, **11.02**

D2909 Withdrawn 1990; Test Method for Cyclohexylamine in Water; Replaced by D4983

D2910 Withdrawn 1992; Practice for Concentration and Recovery of Organic Matter from Water by Activated Carbon

D2911-94(2005) Specification for Dimensions and Tolerances for Plastic Bottles, **08.01**

D2912 Withdrawn 1991; Test Method for Oxidant Content of the Atmosphere (Neutral KI)

D2913-96(2007) Test Method for Mercaptan Content of the Atmosphere, **11.07**

D2914-01(2007) Test Methods for Sulfur Dioxide Content of the Atmosphere (West-Gaeke Method), **11.07**

D2915-03 Practice for Evaluating Allowable Properties for Grades of Structural Lumber, **04.10**

D2916-09 Specification for Isophorone, **06.04**

D2917-07 Specification for Methyl Isoamyl Ketone, **06.04**

D2918-99(2005) Test Method for Durability Assessment of Adhesive Joints Stressed in Peel, **15.06**

D2919-01(2007) Test Method for Determining Durability of Adhesive Joints Stressed in Shear by Tension Loading, **15.06**

D2920 Withdrawn 1977; Method for Determination of Silica in Titanium Dioxide Pigments; Replaced by D1394

D2921-98(2005) Test Method for Qualitative Tests for the Presence of Water Repellents and Preservatives in Wood Products, **06.02**

D2922 Withdrawn 2007; Test Methods for Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Shallow Depth); Replaced by D6938

D2923-08 Test Method for Rigidity of Polyolefin Film and Sheeting, **08.01**

D2924-01(2006) Test Method for External Pressure Resistance of "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe, **08.03**

D2925-01(2007)$^{\varepsilon 1}$ Test Method for Beam Deflection of "Fiberglass" (Glass-Fiber-Reinforced Thermosetting Resin) Pipe Under Full Bore Flow, **08.03**

D2926 Withdrawn 1989; Test Method for Bulk Modulus of Elasticity of Syntactic Foam (Piston-Cylinder Method)

D2927 Withdrawn 1974; Method of Test for Measurement of Tensile Creep and Creep Rupture of Reinforced Thermoplastics; Replaced by D2990

D2928 Withdrawn 1981; Method for Sampling Stacks for Particulate Matter; Replaced by D3685

D2929-89(2006) Test Method for Sulfur Content of Cellulosic Materials by X-Ray Fluorescence, **06.03**

D2930-03 Test Method for Maleic Acid in Maleic Anhydride by Potentiometric Titration, **06.04**

D2931 Withdrawn 1994; Guide for Testing Latex Flat Wall Paints; Replaced by D5324

D2932 Withdrawn 1993; Guide for Testing Exterior Solvent-Based House and Trim Coatings; Replaced by D5416
D2933 Withdrawn 1992; Test Method for Corrosion Resistance of Coated Steel Specimens (Cyclic Method)
D2934 Withdrawn 1994; Practice for Rubber Seals—Compatibility With Service Fluids
D2935 Withdrawn 2005; Test Method for Apparent Density of Industrial Aromatic Hydrocarbons
D2936-08 Test Method for Direct Tensile Strength of Intact Rock Core Specimens, **04.08**
D2937-04 Test Method for Density of Soil in Place by the Drive-Cylinder Method, **04.08**
D2938 Withdrawn 2005; Test Method for Unconfined Compressive Strength of Intact Rock Core Specimens; Replaced by D7012
D2939-03 Test Methods for Emulsified Bitumens Used as Protective Coatings, **04.04**
D2940/D2940M-09 Specification for Graded Aggregate Material For Bases or Subbases for Highways or Airports, **04.03**
D2941-00(2008) Test Method for Measuring Break Pattern of Leather (Break Scale), **15.04**
D2942-02(2008) Test Method for Total Acid Acceptance of Halogenated Organic Solvents (Nonreflux Methods), **15.05**
D2943-02(2007) Test Method for Aluminum Scratch of 1,1,1-Trichloroethane to Determine Stability, **15.05**
D2944-71(2008) Test Method of Sampling Processed Peat Materials, **04.08**
D2945-90(2003)$^{\epsilon 2}$ Test Method for Gas Content of Insulating Oils, **10.03**
D2946-01(2005) Terminology for Asbestos and Asbestos–Cement Products, **04.05**
D2947-88(2006) Test Method for Screen Analysis of Asbestos Fibers, **04.05**
D2948 Withdrawn 1986; Specification for Glass-Reinforced and Glass-Filled Acetal Resin Molding and Extrusion Materials; Replaced by D4181
D2949-01a(2008) Specification for 3.25-in. Outside Diameter Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings, **08.04**
D2950-09 Test Method for Density of Bituminous Concrete in Place by Nuclear Methods, **04.03**
D2951 Withdrawn 2006; Test Method for Resistance of Types III and IV Polyethylene Plastics to Thermal Stress-Cracking
D2952 Withdrawn 1999; Specification for Ethylene Plastics
D2953 Withdrawn 1986; Classification System for Polymeric Materials for Service in Ionizing Radiation
D2954 Withdrawn 1985; Method of Test for Absorbed Gamma and Electron Radiation Dose with the Ferrous Sulfate-Cupric Sulfate Dosimeter
D2955 Withdrawn 2000; Specification for Hand Scrubbing Soap (Grit Soap) Paste and Bar
D2956 Withdrawn 1985; Practice for Conducting Controlled Shock Input Tests for Shipping Containers; Replaced by D4003
D2957 Withdrawn 2000; Specification for Hand Scrubbing Soap (Grit Soap) Powder
D2958 Withdrawn 2000; Specification for Powdered Toilet Soap
D2959-95(2009) Test Method for Ethylene Oxide Content of Polyethoxylated Nonionic Surfactants, **15.04**
D2960-05 Guide for Controlled Laundering Test Using Naturally Soiled Fabrics and Household Appliances, **15.04**
D2961-02(2007) Test Method for Single-Stage Total Moisture Less than 15 % in Coal Reduced to 2.36-mm (No. 8 Sieve) Topsize, **05.06**
D2962-97(2007) Test Method for Calculating Volume-Temperature Correction For Coal-Tar Pitches, **05.01**
D2963 Withdrawn 1997; Test Method for Testing Flow Table Consistency of Clay-Stabilized Asphalt Emulsions
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D2967-07 Test Method for Corner Coverage of Powder Coatings, **06.02**
D2968-95(2008) Test Method for Med and Kemp Fibers in Wool and Other Animal Fibers by Microprojection, **07.01**
D2969-04(2010) Test Methods for Steel Tire Cords, **07.01**
D2970/D2970M-04(2010) Test Methods for Testing Tire Cords, Tire Cord Fabrics, and Industrial Yarns Made From Glass Filaments, **07.01**
D2971 Withdrawn 1978; Methods of Testing for Stitch-Quilted Products
D2972-08 Test Methods for Arsenic in Water, **11.01**
D2973 Withdrawn 2009; Test Method for Total Nitrogen in Peat Materials
D2974-07a Test Methods for Moisture, Ash, and Organic Matter of Peat and Other Organic Soils, **04.08**
D2975 Withdrawn 1984; Method of Test for Sand Content of Peat Materials
D2976-71(2004) Test Method for pH of Peat Materials, **04.08**
D2977-03 Test Method for Particle Size Range of Peat Materials for Horticultural Purposes, **04.08**
D2978-03 Test Method for Volume of Processed Peat Materials, **04.08**
D2979-01(2009) Test Method for Pressure-Sensitive Tack of Adhesives Using an Inverted Probe Machine, **15.06**
D2980-04 Test Method for Volume Mass, Moisture-Holding Capacity, and Porocity of Saturated Peat Materials, **04.08**
D2981-94(2009) Test Method for Wear Life of Solid Film Lubricants in Oscillating Motion, **05.01**
D2982-07 Test Methods for Detecting Glycol-Base Antifreeze in Used Lubricating Oils, **05.01**
D2983-09 Test Method for Low-Temperature Viscosity of Lubricants Measured by Brookfield Viscometer, **05.01**
D2984 Withdrawn 1981; Practice for Validation of Results of Process Vapor Pressure Analyzer; Replaced by D3764
D2985-92(2006) Test Method for Color of Asbestos, **04.05**
D2986 Withdrawn 2004 Practice for Evaluation of Air Assay Media by the Monodisperse DOP (Dioctyl Phthalate) Smoke Test
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D2988-96(2005) Test Method for Water-Soluble Halide Ion in Halogenated Organic Solvents and Their Admixtures, **15.05**
D2989-01(2006) Test Method for Acidity-Alkalinity of Halogenated Organic Solvents and Their Admixtures, **15.05**
D2990-09 Test Methods for Tensile, Compressive, and Flexural Creep and Creep-Rupture of Plastics, **08.01**
D2991 Withdrawn 1992; Practice for Testing Stress-Relaxation of Plastics
D2992-06 Practice for Obtaining Hydrostatic or Pressure Design Basis for "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe and Fittings, **08.03**
D2993 Withdrawn 2003; Specification for Acrylonitrile-Butadiene Rubberized Tar
D2994 Withdrawn 2000; Test Methods for Rubberized Tar
D2995-99(2009) Practice for Estimating Application Rate of Bituminous Distributors, **04.03**
D2996-01(2007)$^{\epsilon 1}$ Specification for Filament-Wound "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe, **08.03**
D2997-01(2007)$^{\epsilon 1}$ Specification for Centrifugally Cast "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe, **08.03**
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D2999 Withdrawn 1990; Test Method for Monopentaerythritol in Commercial Pentaerythritol; Replaced by D2195
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D3001 Withdrawn 1985; Method of Test for Absorbed Gamma And Electron Radiation Dose with the Ceric Sulfate Dosimeter
D3002-07 Guide for Evaluation of Coatings Applied to Plastics, **06.02**
D3003-01(2006) Test Method for Pressure Mottling and Blocking Resistance o Organic Coatings on Metal Substrates, **06.02**
D3004-08 Specification for Crosslinked and Thermoplastic Extruded Semi-Conducting, Conductor and Insulation Shielding Materials, **10.02**
D3005-99(2004) Specification for Low-Temperature Resistant Vinyl Chloride Plastic Pressure-Sensitive Electrical Insulating Tape, **10.02**
D3006-99(2004) Specification for Polyethylene Plastic Pressure-Sensitive Electrical Insulating Tape, **10.02**
D3007 Withdrawn 1975; Definition of Terms Relating to Mica, Mica Processing, and Processed Mica Forms; Combined with D 1711
D3008 Withdrawn 1997; Test Method for Resin Acids in Rosin by Gas Chromatography
D3009 Withdrawn 1999; Test Method for Composition of Turpentine by Gas Chromatography; Replaced by D6387
D3010 Withdrawn 1992; Practice for Preparing Compression-Molded Test Sample Plaques of Rigid Poly(Vinyl Chloride) Compounds; Replaced by D4703
D3011 Withdrawn 1988; Specification for Reinforced and Filled Polystyrene, Styrene-Acrylonitrile, and ABS for Molding and Extrusion; Replaced by D4203, D4549, D4673
D3012-07 Test Method for Thermal-Oxidative Stability of Polypropylene Using a Specimen Rotator Within an Oven, **08.01**
D3013-99(2004)$^{\epsilon 1}$ Specification for Epoxy Molding Compounds, **08.01**
D3014-04a Test Method for Flame Height, Time of Burning, and Loss of Mass of Rigid Thermoset Cellular Plastics in a Vertical Position, **08.01**
D3015 Withdrawn 2001; Practice for Microscopical Examination of Pigment Dispersion in Plastic Compounds; Replaced by ISO 13949
D3016-97(2010) Practice for Use of Liquid Exclusion Chromatography Terms and Relationships, **08.01**
D3017 Withdrawn 2007; Test Method for Water Content of Soil and Rock in Place by Nuclear Methods (Shallow Depth); Replaced by D6938
D3018/D3018M-09 Specification for Class A Asphalt Shingles Surfaced with Mineral Granules, **04.04**
D3019-08 Specification for Lap Cement Used with Asphalt Roll Roofing, Non-Fibered, Asbestos-Fibered, and Non-Asbestos-Fibered, **04.04**
D3020 Withdrawn 1996; Specification for Polyethylene and Ethylene Copolymer Plastic Sheeting for Pond, Canal, and Reservoir Lining
D3021-01(2006) Specification for Phthalocyanine Green Pigments, **06.03**
D3022-84(2005) Test Method for Color and Strength of Color Pigments by Use of a Miniature Sandmill, **06.01**
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D3024 Withdrawn 1991; Specification for Protein-Base Adhesives for Structural Laminated Wood Products for Use Under Interior (Dry Use) Exposure Conditions
D3025-07 Practice for Standardizing Cotton Fiber Test Results by Use of Calibration Cotton Standards, **07.01**
D3026 Withdrawn 2003; Test Method for Sinter Index of Electrical Grade Magnesium Oxide for Use in Sheathed Heating Elements
D3027 Withdrawn 1992; Practice for Compression Molding Specimens of Allyl Molding Compounds; Replaced by D5224
D3028 Withdrawn 2000; Test Method for Kinetic Coefficient of Friction of Plastic Solids
D3029 Withdrawn 1995; Test Methods for Impact Resistance of Flat, Rigid

Plastic Specimens by Means of a Tup (Falling Weight); Replaced by D5420, D5628
D3030-95(2006) Test Method for Volatile Matter (Including Water) of Vinyl Chloride Resins, **08.01**
D3031 Withdrawn 1992; Test Method for Total Sulfur in Natural Gas by Hydrogenation
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D3034-08 Specification for Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings, **08.04**
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D3038-93(2010) Test Method for Drop Shatter Test for Coke, **05.06**
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D3041 Withdrawn 1988; Method of Testing Coated Fabrics--Ozone Cracking in a Chamber; Replaced by D1149
D3042-09 Test Method for Insoluble Residue in Carbonate Aggregates, **04.03**
D3043-00(2006) Test Methods for Structural Panels in Flexure, **04.10**
D3044-94(2006) Test Method for Shear Modulus of Wood-Based Structural Panels, **04.10**
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D3050-07 Guide for Measuring Soil Removal from Artificially Soiled Fabrics (Not Suitable for Detergent Ranking), **15.04**
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D3052-87(2010) Practice for Rating Water-Emulsion Floor Polishes, **15.04**
D3053-08b Terminology Relating to Carbon Black, **09.01**
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D3055 Withdrawn 1995; Specification for Cyclohexane 995; Replaced by D5309
D3056-05 Test Method for Gel Time of Solventless Varnishes, **10.02**
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D3060-94(2005) Test Method for Pressure Drop Rate of Compressed Gas-Propelled Products, **15.10**
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D3062 Withdrawn 1994; Test Method for Solids Content of Aerosol Coatings
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D3064-97(2008) Terminology Relating To Aerosol Products, **15.10**
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D3066 Withdrawn 1997; Practice for Labeling Aerosol Packages
D3067 Withdrawn 1997; Practice for Reporting Laboratory Results When Checking Aerosol Containers
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D3087-91(2009) Test Method for Operating Performance of Anion-Exchange Materials for Strong Acid Removal, **11.02**
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D3089-97(2008) Practice for Determining the A-D Dimension of Aerosol Valve Dip Tubes, **15.10**
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D3103-07$^{\varepsilon 1}$ Test Method for Thermal Insulation Performance of Distribution Packages, **15.10**
D3104-99(2005) Test Method for Softening Point of Pitches (Mettler Softening Point Method), **05.01**
D3105-08 Index of Methods for Testing Elastomeric and Plastomeric Roofing and Waterproofing Materials, **04.04**
D3106-07 Test Method for Permanent Deformation of Elastomeric Yarns, **07.01**
D3107-07 Test Methods for Stretch Properties of Fabrics Woven from Stretch Yarns, **07.01**
D3108-07 Test Method for Coefficient of Friction, Yarn to Solid Material, **07.01**
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D3110 Withdrawn 1997; Specification for Adhesives Used in Laminate Joints for Nonstructural Glued Lumber Products
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D3117-03 Test Method for Wax Appearance Point of Distillate Fuels, **05.01**
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D3120-08 Test Method for Trace Quantities of Sulfur in Light Liquid Petroleum Hydrocarbons by Oxidative Microcoulometry, **05.01**
D3121-06 Test Method for Tack of Pressure-Sensitive Adhesives by Rolling Ball, **15.06**
D3122-95(2009) Specification for Solvent Cements for Styrene-Rubber (SR) Plastic Pipe and Fittings, **08.04**
D3123-09 Test Method for Spiral Flow of Low-Pressure Thermosetting Molding Compounds, **08.01**
D3124-98(2003) Test Method for Vinylidene Unsaturation in Polyethylene by Infrared Spectrophotometry, **08.01**
D3125-06 Test Method for Monomethyl Ether of Hydroquinone in Colorless Monomeric Acrylate Esters and Acrylic Acid, **06.04**
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D3127 Withdrawn 1987; Specification for Ethyl Acetate (99 Percent Grade); Replaced by D4614
D3128-07 Specification for 2-Methoxyethanol, **06.04**
D3129 Withdrawn 1997; Guide for Testing Exterior Latex House Paints; Replaced by D5324
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D3133 Withdrawn; Test Method for Quantitative Determination of Cellulose Nitrate in Alkyd Modified Lacquers by Infrared Spectrophotometry
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D3143-08 Test Method for Flash Point of Cutback Asphalt with Tag Open-Cup Apparatus, **04.03**
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D3145-08 Test Method for Thermal Endurance of Electrical Insulating Varnishes by the Helical Coil Method, **10.02**
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D3147-06 Test Method for Testing Stop-Leak Additives for Engine Coolants, **15.05**
D3148 Withdrawn 2005; Test Method for Elastic Moduli of Intact Rock Core Specimens in Uniaxial Compression; Replaced by D7102
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D3154-00(2006) Test Method for Average Velocity in a Duct (Pitot Tube Method), **11.07**
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D3164-03 Test Method for Strength Properties of Adhesively Bonded Plastic Lap-Shear Sandwich Joints in Shear by Tension Loading, **15.06**
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D3165-07 Test Method for Strength Properties of Adhesives in Shear by Tension Loading of Single-Lap-Joint Laminated Assemblies, **15.06**
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D3174-04 Test Method for Ash in the Analysis Sample of Coal and Coke from Coal, **05.06**
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D3180-07 Practice for Calculating Coal and Coke Analyses from As-Determined to Different Bases, **05.06**
D3181-10 Guide for Conducting Wear Tests on Textiles, **07.01**
D3182-07 Practice for Rubber—Materials, Equipment, and Procedures for Mixing Standard Compounds and Preparing Standard Vulcanized Sheets, **09.01**
D3183-09 Practice for Rubber—Preparation of Pieces for Test Purposes from Products, **09.01**
D3184-07 Test Methods for Rubber—Evaluation of NR (Natural Rubber), **09.01**
D3185-06 Test Methods for Rubber—Evaluation of SBR (Styrene-Butadiene Rubber) Including Mixtures With Oil, **09.01**
D3186-07 Test Methods for Rubber—Evaluation of SBR (Styrene-Butadiene Rubber) Mixed With Carbon Black or Carbon Black and Oil, **09.01**
D3187-06 Test Methods for Rubber—Evaluation of NBR (Acrylonitrile-Butadiene Rubber), **09.01**
D3188-06 Test Methods for Rubber—Evaluation of IIR (Isobutene-Isoprene Rubber), **09.01**
D3189-06 Test Methods for Rubber—Evaluation of Solution BR (Polybutadiene Rubber), **09.01**
D3190-06 Test Method for Rubber—Evaluation of Chloroprene Rubber (CR), **09.01**
D3191-10 Test Methods for Carbon Black in SBR (Styrene-Butadiene Rubber)—Recipe and Evaluation Procedures, **09.01**
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D3193-09 Specification for Ethylbenzene, **06.04**
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D3195/D3195M-10 Practice for Rotameter Calibration, **11.07**
D3196 Withdrawn 1985; Method of Test for Rubber Properties in Tension Solid Urethanes; Replaced by D412
D3197 Withdrawn 1986; Specification for Insert-Type Polyethylene Fusion Fittings for SDR 11.0 Polyethylene Pipe
D3198-97(2007) Test Method for Application and Removal Torque of Threaded or Lug-Style Closures, **15.10**
D3199 Withdrawn 2001; Test Method for Water Vapor Transmission Through Screw-Cap Closure Liners
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D3203-05 Test Method for Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures, **04.03**
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D3205 Withdrawn 2000; Test Method for Viscosity of Asphalt with Cone and Plate Viscometer
D3206-08 Test Method for Soil Resistance of Floor Polishes, **15.04**
D3207-92(2008) Test Method for Detergent Resistance of Floor Polish Films, **15.04**
D3208-00(2005) Specification for Manifold Papers for Permanent Records, **15.09**
D3209-93(2008) Test Method for Freeze/Thaw Resistance of Polymer Floor Polishes, **15.04**
D3210-95(2008) Test Method for Comparing Colors of Films from Water-Emulsion Floor Polishes, **15.04**
D3211 Withdrawn 1991; Test Method for Relative Density of Black Smoke (Ringelmann Method)
D3212-07 Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals, **08.04**
D3213-08 Practices for Handling, Storing, and Preparing Soft Intact Marine Soil, **04.08**
D3214 Withdrawn 2002; Test Methods for Coating Powders and Their Coatings Used for Electrical Insulation
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D3218-07 Specification for Polyolefin Monofilaments, **07.01**
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D3220 Withdrawn 1989; Specification for Reinforced Polyterephthalate Thermoplastic Molding and Extrusion Materials; Replaced by D4507
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D3223-02(2007)$^{\varepsilon 1}$ Test Method for Total Mercury in Water, **11.01**
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D3227-04a Test Method for (Thiol Mercaptan) Sulfur in Gasoline, Kerosine, Aviation Turbine, and Distillate Fuels (Potentiometric Method), **05.01**
D3228-08 Test Method for Total Nitrogen in Lubricating Oils and Fuel Oils by Modified Kjeldahl Method, **05.01**

D3229 Withdrawn 1993; Method of Test for Low Levels of Lead in Gasoline by X-ray Spectrometry; Replaced by D5059
D3230-09 Test Method for Salts in Crude Oil (Electrometric Method), **05.01**
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D3239-91(2006) Test Method for Aromatic Types Analysis of Gas-Oil Aromatic Fractions by High Ionizing Voltage Mass Spectrometry, **05.01**
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D3241-09 Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels (JFTOT Procedure), **05.01**
D3242-08 Test Method for Acidity in Aviation Turbine Fuel, **05.01**
D3243 Withdrawn 1983; Method of Test for Flash-Point of Aviation Turbine Fuels by Setaflash Closed Tester; Replaced by D3828
D3244-07a Practice for Utilization of Test Data to Determine Conformance with Specifications, **05.01**
D3245-03 Test Method for Pumpability of Industrial Fuel Oils, **05.01**
D3246-05 Test Method for Sulfur in Petroleum Gas by Oxidative Microcoulometry, **05.01**
D3247 Withdrawn 1988; Test Method for Coefficient of Static Friction of Corrugated and Solid Fiberboard (Horizontal Plane Method); Replaced by D45210
D3248 Withdrawn 1988; Test Method for Coefficient of Static Friction of Corrugated and Solid Fiberboard (Inclined Plane Method); Replaced by D4521
D3249-95(2005) Practice for General Ambient Air Analyzer Procedures, **11.07**
D3250 Withdrawn 1991; Test Method for Total Oxygen Demand in Water
D3251-04(2009) Test Method for Thermal Endurance Characteristics of Electrical Insulating Varnishes Applied Over Film-Insulated Magnet Wire, **10.02**
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D3255 Withdrawn 1981; Method for Investigating the Compatibility of Transformer Insulation and Construction Materials in Askarels
D3256-86(2009) Test Methods for Chemical Analysis of Phthalocyanine Blue and Green Pigments, **06.03**
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D3258-04 Test Method for Porosity of White or Near White Paint Films by Staining, **06.02**
D3259-95(2001)$^{\varepsilon 1}$ Practice for Infrared Determination of the Temperature of Applied Coatings on Wood Products During the Curing Cycle, **06.02**
D3260-01(2005) Test Method for Acid and Mortar Resistance of Factory-Applied Clear Coatings on Extruded Aluminum Products, **06.02**
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D3262-06 Specification for "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Sewer Pipe, **08.03**
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D3264 Withdrawn 2003; Specification for Industrial Grade Aniline
D3265-07 Test Method for Carbon Black—Tint Strength, **09.01**
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D3268-91(2005) Test Method for Separation and Collection of Particulate and Gaseous Fluorides in the Atmosphere (Sodium Bicarbonate-Coated Glass Tube and Particulate Filter Method), **11.07**
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D3270-00(2006) Test Methods for Analysis for Fluoride Content of the Atmosphere and Plant Tissues (Semiautomated Method), **11.07**
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D3272 Withdrawn 2008; Practice for Vacuum Distillation of Solvents From Solvent-Reducible Paints For Analysis
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D3274-09 Test Method for Evaluating Degree of Surface Disfigurement of Paint Films by Fungal or Algal Growth, or Soil and Dirt Accumulation, **06.01**
D3275-08 Classification System for E-CTFE-Fluoroplastic Molding, Extrusion, and Coating Materials, **08.02**
D3276-07 Guide for Painting Inspectors (Metal Substrates), **06.02**
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D3278-96(2004)$^{\varepsilon 1}$ Test Methods for Flash Point of Liquids by Small Scale Closed-Cup Apparatus, **06.01**
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D3280-85(2009) Test Methods for Analysis of White Zinc Pigments, **06.03**
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D3282-09 Practice for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes, **04.08**
D3283-98(2004) Specification for Air as an Electrical Insulating Material, **10.03**
D3284-05 Practice for Combustible Gases in the Gas Space of Electrical Apparatus Using Portable Meters, **10.03**
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D3286 Withdrawn 2000; Test Method for Gross Calorific Value of Coal and Coke by the Isoperibol Bomb Calorimeter; Replaced by D5865
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D3288/D3288M-08 Test Methods for Magnet-Wire Enamels, **10.02**
D3289-08 Test Method for Density of Semi-Solid and Solid Bituminous Materials (Nickel Crucible Method), **04.03**
D3290-00(2005) Specification for Bond and Ledger Papers for Permanent Records, **15.09**
D3291-97(2003) Practice for Compatibility of Plasticizers in Poly(Vinyl Chloride) Plastics Under Compression, **08.02**
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D3293 Withdrawn 1997; Specification for PTFE Resin Molded Sheet; Replaced by D3294
D3294-09 Specification for Polytetrafluoroethylene (PTFE) Resin Molded Sheet and Molded Basic Shapes, **08.02**
D3295-06 Specification for PTFE Tubing, Miniature Beading and Spiral Cut Tubing, **08.02**
D3296-03(2008) Specification for FEP-Fluorocarbon Tube, **08.02**
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D3301-00(2005) Specification for File Folders for Storage of Permanent Records, **15.09**
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D3304 Withdrawn 1993; Method for Analysis of Environmental Materials for Polychlorinated Biphenyls
D3305-94(2005) Practice for Sampling Small Gas Volume in a Transformer, **10.03**
D3306-10 Specification for Glycol Base Engine Coolant for Automobile and Light-Duty Service, **15.05**
D3307-08 Specification for Perfluoroalkoxy (PFA)-Fluorocarbon Resin Molding and Extrusion Materials, **08.02**
D3308-06 Specification for PTFE Resin Skived Tape, **08.02**
D3309-96a(2002) Specification for Polybutylene (PB) Plastic Hot and Cold-Water Distribution Systems, **08.04**
D3310-00(2006) Test Method for Determining Corrosivity of Adhesive Materials, **15.06**
D3311-09a Specification for Drain, Waste, and Vent (DWV) Plastic Fittings Patterns, **08.04**
D3312-04(2009) Test Method for Percent Reactive Monomer in Solventless Varnishes, **10.02**
D3313-05a Test Method for Carbon Black—Individual Pellet Hardness, **09.01**
D3314-02(2006) Test Method for Rubber—Chemical Analysis for Polystyrene Blocks In SBR (Styrene-Butadiene Rubber) and Styrene-Reinforced Latices, **09.01**
D3315 Withdrawn 1989; Test Method for Radioactive Zirconium in Water
D3316-06 Test Method for Stability of Perchloroethylene with Copper, **15.05**
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D3318 Withdrawn 1984; Specification for Woven Cloth from High Modulus Organic Fiber
D3319-06 Practice for the Accelerated Polishing of Aggregates Using the British Wheel, **04.03**
D3320-00(2004)$^{\varepsilon 1}$ Specification for Emulsified Coal-Tar Pitch (Mineral Colloid Type), **04.04**
D3321-94(2007) Test Method for Use of the Refractometer for Field Test Determination of the Freezing Point of Aqueous Engine Coolants, **15.05**
D3322-82(2005) Practice for Testing Primers and Primer Surfacers Over Preformed Metal, **06.02**
D3323 Withdrawn 1993; Guide for Testing Interior Solvent-Thinned Flat Wall Paints; Replaced by D5146
D3324 Withdrawn 2003; Practice for Carbon Black—Improving Test

Reproducibility Using ASTM Standard Reference Blacks; Replaced by D4821

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D3329-03 Test Method for Purity of Methyl Isobutyl Ketone by Gas Chromatography, **06.04**

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D3331 Withdrawn 1985; Method of Test for Assessment of Mechanical-Shock Fragility Using Package Cushioning Materials

D3332-99(2010) Test Methods for Mechanical-Shock Fragility of Products, Using Shock Machines, **15.10**

D3333-07 Practice for Sampling Manufactured Staple Fibers, Sliver, or Tow for Testing, **07.01**

D3334 Withdrawn 1990; Method of Testing Fabrics Woven From Polyolefin Monofilaments

D3335-85a(2009) Test Method for Low Concentrations of Lead, Cadmium, and Cobalt in Paint by Atomic Absorption Spectroscopy, **06.01**

D3336-05$^{\varepsilon 1}$ Test Method for Life of Lubricating Greases in Ball Bearings at Elevated Temperatures, **05.01**

D3337 Withdrawn 2009; Test Method for Determining Life and Torque of Lubricating Greases in Small Ball Bearings

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D3339-08 Test Method for Acid Number of Petroleum Products by Semi-Micro Color Indicator Titration, **05.01**

D3340-07 Test Method for Lithium and Sodium in Lubricating Greases by Flame Photometer, **05.01**

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D3342-90(2006) Test Method for Dispersion Stability of New (Unused) Rolling Oil Dispersions in Water, **05.01**

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D3347 Withdrawn 2003; Test Method for Flow Rate and Tap Density of Electrical Grade Magnesium Oxide For Use in Sheathed Heating Elements

D3348-07 Test Method for Rapid Field Test for Trace Lead in Unleaded Gasoline (Colorimetric Method), **05.01**

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D3352-08a Test Method for Strontium Ion in Brackish Water, Seawater, and Brines, **11.02**

D3353-10 Test Methods for Fibrous-Insulated Magnet Wire, **10.02**

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D3357 Withdrawn 1991; Test Method for Radioactive Nickel in Water

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D3363-05 Test Method for Film Hardness by Pencil Test, **06.01**

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D3366-95(2003)$^{\varepsilon 1}$ Test Method for Color of Maleic Anhydride and Phthalic Anhydride in the Molten State and After Heating (Platinum-Cobalt Scale), **06.04**

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D3389-05 Test Method for Coated Fabrics Abrasion Resistance (Rotary Platform Abrader), **09.02**

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D3418-08 Test Method for Transition Temperatures and Enthalpies of Fusion and Crystallization of Polymers by Differential Scanning Calorimetry, **08.02**

D3419-00(2006) Practice for In-Line Screw-Injection Molding Test Specimens From Thermosetting Compounds, **08.02**

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D3424-09 Practice for Evaluating the Relative Lightfastness and Weatherability of Printed Matter, **06.02**
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D3440-01(2007) Guide for Preparing Specifications for Water-Emulsion Floor Polishes, **15.04**
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D3453-07 Specification for Flexible Cellular Materials—Urethane for Furniture and Automotive Cushioning, Bedding, and Similar Applications, **08.02**
D3454-05 Test Method for Radium-226 in Water, **11.02**
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D3456-86(2008) Practice for Determining by Exterior Exposure Tests the Susceptibility of Paint Films to Microbiological Attack, **06.01**
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E2 Withdrawn 1983; Methods of Preparation of Micrographs of Metals and Alloys (Including Recommended Practice for Photography As Applied to Metallography); Replaced by E883
E3-01(2007)$^{\epsilon 1}$ Guide for Preparation of Metallographic Specimens, **03.01**
E4-09a Practices for Force Verification of Testing Machines, **03.01**
E5 Withdrawn 1937; Methods of Preparation of Metallographic Specimens; Replaced by E3
E6-09b Terminology Relating to Methods of Mechanical Testing, **03.01**
E7-03(2009) Terminology Relating to Metallography, **03.01**
E8M Withdrawn 2008; Test Methods for Tension Testing of Metallic Materials [Metric]
E8/E8M-09 Test Methods for Tension Testing of Metallic Materials, **03.01**
E9-09 Test Methods of Compression Testing of Metallic Materials at Room Temperature, **03.01**
E10-08 Test Method for Brinell Hardness of Metallic Materials, **03.01**
E11-09 Specification for Woven Wire Test Sieve Cloth and Test Sieves, **14.02**
E12 Withdrawn 1996; Terminology Relating to Density and Specific Gravity of Solids, Liquids, and Gases; Replaced by E1547
E13 Withdrawn 1967; Definitions of Terms Relating to Screen (Sieve)
E14 Withdrawn 1983; Recommended Practice for Thermal Analysis of Metals and Alloys
E15 Withdrawn 1949; Methods of Radiographic Testing of Metal Castings
E16 Withdrawn 1978; Method of Free Bend Test for Ductility of Welds
E17 Withdrawn 1939; Specification for Sieves for Testing Purposes (Wire Cloth Sieves, Bound - Hole and Square - Hole Screens or Sieves)—Replaced by E11
E18-08b Test Methods for Rockwell Hardness of Metallic Materials, **03.01**
E19 Withdrawn 1962; Classification of Austenite Grain Size in Steels; Replaced by E112
E20 Withdrawn 1994; Practice for Particle Size Analysis of Particulate Substances in the Range of 0.2 to 75 Micrometres by Optical Microscopy
E21-09 Test Methods for Elevated Temperature Tension Tests of Metallic Materials, **03.01**
E22 Withdrawn 1959; Recommended Practice for Conducting Long-Time High-Temperature Tension Test of Metallic Materials; Replaced by E139
E23-07a$^{\epsilon 1}$ Test Methods for Notched Bar Impact Testing of Metallic Materials, **03.01**
E24 Withdrawn 1968; Definitions of Terms Relating to Rheological Properties of Matter
E25 Withdrawn 1950; Method of Quantitative Spectrochemical Analysis of High Grade Pig Lead
E26 Withdrawn 1954; Method of Quantitative Spectrochemical Analysis of Zinc Base Alloy and High Grade Zinc by the Solution-d-c Arc Technique
E27 Withdrawn 1986; Method for Spectrographic Analysis of Zinc and Zinc Alloys by the Solution-Residue Technique
E28-99(2009) Test Methods for Softening Point of Resins Derived from Naval Stores by Ring-and-Ball Apparatus, **06.03**
E29-08 Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications, **14.02**
E30 Withdrawn 1995; Test Methods for Chemical Analysis of Steel, Cast Iron, Open-Hearth Iron, and Wrought Iron
E31 Withdrawn 1995; Methods for Chemical Analysis of Ferroalloys
E32-86(2006)$^{\epsilon 1}$ Practices for Sampling Ferroalloys and Steel Additives for Determination of Chemical Composition, **03.05**
E33 Withdrawn 1959; Hardness Conversion Table for Cartridge Brass (Relationship Between Diamond Pyramid Hardness, Rockwell Hardness, and Brinell Hardness); Replaced by E140
E34-94(2002) Test Methods for Chemical Analysis of Aluminum and Aluminum-Base Alloys, **03.05**
E35 Withdrawn 2008; Test Methods for Chemical Analysis of Magnesium and Magnesium Alloys
E36 Withdrawn 1980; Methods for Chemical Analysis of Brasses; Replaced by E478
E37-05 Test Methods for Chemical Analysis of Pig Lead, **03.05**
E38 Withdrawn 1989; Methods for Chemical Analysis of Nickel-Chromium and Nickel-Chromium-Iron Alloys; Replaced by E353
E39 Withdrawn 1995; Methods for Chemical Analysis of Nickel
E40 Withdrawn 1993; Test Method for Chemical Analysis of Slab Zinc (Spelter); Replaced by E536
E41-92(2004) Terminology Relating to Conditioning, **14.04**
E42 Redesignated G23
E43 Withdrawn 1962; Recommended Practice for Identification of Crystalline Materials by the Hanawalt X-Ray Diffraction Method
E44 Withdrawn 1993; Definitions of Terms Relating to Heat Treatment of Metals; Redesignated A919
E45-05$^{\epsilon 3}$ Test Methods for Determining the Inclusion Content of Steel, **03.01**
E46 Withdrawn 1994; Test Methods for Chemical Analysis of Lead- and Tin-Base Solder
E47 Withdrawn 1997; Test Methods for Chemical Analysis of Zinc Die-Casting Alloys
E48 Withdrawn 1959; Hardness Conversion Table for Steel (Relationship Between Diamond Pyramid Hardness, Rockwell Hardness, and Brinell Hardness); Replaced by E140
E49 Withdrawn 1950; Method of Spectrochemical Analysis of Lead Alloys for Minor Constituents and Impurities
E50-00(2005) Practices for Apparatus, Reagents, and Safety Considerations for Chemical Analysis of Metals, Ores, and Related Materials, **03.05**
E51 Withdrawn 1984; Method for Spectrographic Analysis of Tin Alloys by the Powder Technique
E52 Withdrawn 1969; Industrial Radiographic Terminology for Use in Radiographic Inspection of Castings and Weldments
E53-07 Test Method for Determination of Copper in Unalloyed Copper by Gravimetry, **03.05**
E54 Withdrawn 2002; Test Methods for Chemical Analysis of Special Brasses and Bronzes
E55-91(2005) Practice for Sampling Wrought Nonferrous Metals and Alloys for Determination of Chemical Composition, **03.05**
E56 Withdrawn 1994; Test Method for Chemical Analysis of Silver Brazing Alloys
E57 Withdrawn 1987; Methods for Chemical Analysis of White Metal Bearing Alloys
E58 Withdrawn 1951; Tentative Photometric Method for Determination of Bismuth in Pig Lead; Combined with E 37
E59 Withdrawn 1996; Practice for Sampling Steel and Iron for Determination of Chemical Composition; Replaced by E1806
E60-98(2004) Practice for Analysis of Metals, Ores, and Related Materialsby Molecular Absorption Spectrometry, **03.05**
E61 Withdrawn 1950; Methods for Photometry for Chemical Analysis of Magnesium and Magnesium-Base Alloys; Redesignated E35
E62 Withdrawn 2010; Test Methods for Chemical Analysis of Copper and Copper Alloys (Photometric Methods)
E63 Withdrawn 1951; Tentative Photometric Method for Chemical Analysis of Copper-Nickel and Copper-Nickel-Zinc Alloys; Combined with E 75
E64 Withdrawn 1957; Photometric Methods for Determination of Iron in Slab Zinc (Spelter); Combined with E 40
E65 Withdrawn 1951; Method of Sampling Slab Zinc (Spelter)
E66 Withdrawn 1948; Method for Sampling Molybdenum Salts and Compounds for Metallurgical Use; Combined with A 146
E67 Withdrawn 1951; Tentative Photometric Method for Chemical Analysis of Lead, Tin, Antimony and Their Alloys
E68 Withdrawn 1980; Method for Polarographic Determination of Lead and Cadmium in Zinc
E69-02(2007) Test Method for Combustible Properties of Treated Wood by the Fire-Tube Apparatus, **04.10**
E70-07 Test Method for pH of Aqueous Solutions With the Glass Electrode, **15.05**
E71 Withdrawn 1974; Reference Radiographs for Steel Castings up to 2 in. in Thickness; Replaced by E446
E72-05 Test Methods of Conducting Strength Tests of Panels for Building Construction, **04.11**
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E75 Withdrawn 2010; Test Methods for Chemical Analysis of Copper-Nickel and Copper-Nickel-Zinc Alloys
E76 Withdrawn 2003; Test Methods for Chemical Analysis of Nickel-Copper Alloys
E77-07 Test Method for Inspection and Verification of Thermometers, **14.03**
E78 Withdrawn 1953; Method of Compression Testing of Metallic Materials; Combined with E 9
E79 Withdrawn 1964; Methods for Estimating the Average Grain Size of Wrought Copper and Copper-Base Alloys; Replaced by E112
E80 Withdrawn 1986; Recommended Practice for Dilatometric Analysis of Metallic Materials; Replaced by E228
E81-96(2007) Test Method for Preparing Quantitative Pole Figures, **03.01**
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E85 Withdrawn 1959; Recommended Practice for Conducting Time-for-Rupture-Tension Tests of Metallic Materials; Replaced by E139
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E87 Withdrawn 1984; Methods for Chemical Analysis of Lead, Tin, Antimony and Their Alloys (Photometric Method)
E88-91(2005) Practice for Sampling Nonferrous Metals and Alloys in Cast Form for Determination of Chemical Composition, **03.05**
E89 Withdrawn 1962; Methods for Estimating the Average Ferrite Grain Size of Low-Carbon Steels; Replaced by E112
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E94-04 Guide for Radiographic Examination, **03.03**
E95-68(2006) Specification for Cell-Type Oven with Controlled Rates of Ventilation, **14.04**
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E98 Withdrawn 1965; Reference Radiographs for Inspection of Aluminum and Magnesium Castings; Replaced by E155
E99 Withdrawn 1973; Reference Radiographs for Steel Welds; Replaced by E390
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E104-02(2007) Practice for Maintaining Constant Relative Humidity by Means of Aqueous Solutions, **11.07**
E105-04 Practice for Probability Sampling Of Materials, **14.02**
E106-83(2004) Test Methods for Chemical Analysis of Copper-Beryllium Alloys, **03.05**
E107 Withdrawn 2003; Test Methods for Chemical Analysis of Electronic Nickel
E108-10a Test Methods for Fire Tests of Roof Coverings, **04.07**
E109 Withdrawn 1981; Method for Dry Powder Magnetic Particle Inspection; Replaced by E709
E110-10 Test Method for Indentation Hardness of Metallic Materials by Portable Hardness Testers, **03.01**
E111-04 Test Method for Young's Modulus, Tangent Modulus, and Chord Modulus, **03.01**
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E113 Withdrawn 1981; Recommended Practice for Ultrasonic Testing by the Resonance Method
E114-10 Practice for Ultrasonic Pulse-Echo Straight-Beam Contact Testing, **03.03**
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E124-94(2005) Specification for Weighing and Drying Apparatus for Microchemical Analysis, **14.04**
E125-63(2008) Reference Photographs for Magnetic Particle Indications on Ferrous Castings, **03.03**
E126-05a Test Method for Inspection and Verification of Hydrometers, **14.03**
E127-10 Practice for Fabricating and Checking Aluminum Alloy Ultrasonic Standard Reference Blocks, **03.03**
E128-99(2005) Test Method for Maximum Pore Diameter and Permeability of Rigid Porous Filters for Laboratory Use, **14.04**
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E130-08 Practice for Designation of Shapes and Sizes of Graphite Electrodes, **03.05**
E131-10 Terminology Relating to Molecular Spectroscopy, **03.06**
E132-04 Test Method for Poisson's Ratio at Room Temperature, **03.01**
E133-92(2005) Specification for Distillation Equipment, **14.04**
E134 Withdrawn 1987; Specification for Pensky-Martens Closed Flash Tester
E135-10 Terminology Relating to Analytical Chemistry for Metals, Ores, and Related Materials, **03.05**
E136-09b Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C, **04.07**
E137 Withdrawn 1992; Practice for Evaluation of Mass Spectrometers for Quantitative Analysis from a Batch Inlet
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E139-06 Test Methods for Conducting Creep, Creep-Rupture, and Stress-Rupture Tests of Metallic Materials, **03.01**
E140-07 Standard Hardness Conversion Tables for Metals Relationship Among Brinell Hardness, Vickers Hardness, Rockwell Hardness, Superficial Hardness, Knoop Hardness, and Scleroscope Hardness, **03.01**
E141-91(2003)$^{\varepsilon 1}$ Practice for Acceptance of Evidence Based on the Results of Probability Sampling, **14.02**
E142 Withdrawn 2000; Method for Controlling Quality of Radiographic Testing; Replaced by E94
E143-02(2008) Test Method for Shear Modulus at Room Temperature, **03.01**
E144-94(2006)$^{\varepsilon 1}$ Practice for Safe Use of Oxygen Combustion Bombs, **14.04**
E145-94(2006) Specification for Gravity-Convection and Forced-Ventilation Ovens, **14.04**
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E147-61(2006) Specification for Apparatus for Microdetermination of Nitrogen by Kjeldahl Method, **14.04**
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E156 Withdrawn 1993; Test Method for Determination of Phosphorus In High-Phosphorus Brazing Alloys (Photometric Method)
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E161-00(2004) Specification for Precision Electroformed Sieves, **14.02**
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E164-08 Practice for Contact Ultrasonic Testing of Weldments, **03.03**
E165-09 Practice for Liquid Penetrant Examination for General Industry, **03.03**
E166 Withdrawn 1978; Recommended Practice for Goniophotometry of Transmitting Objects and Materials; Replaced by E167
E167 Withdrawn 2005; Practice for Goniophotometry of Objects and Materials
E168-06 Practices for General Techniques of Infrared Quantitative Analysis, **03.06**
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E171-94(2007) Specification for Standard Atmospheres for Conditioning and Testing Flexible Barrier Materials, **15.10**
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E176-10 Terminology of Fire Standards, **04.07**
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E184 Withdrawn 2002; Practice for Effects of High-Energy Neutron Radiation on the Mechanical Properties of Metallic Materials, E706 (IB)
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E187 Withdrawn 1970; Recommended Practice for Conducting Natural Light (Sunlight and Daylight) Exposures Under Glass; Redesignated G24
E188 Withdrawn 1971; Recommended Practice for Operating Enclosed Carbon-Arc Type Apparatus for Light Exposure of Nonmetallic Materials; Replaced by G23
E189 Withdrawn 1988; Recommended Practice for Determining Temperature-Electrical Resistance Characteristics (EMF) of Metallic Materials
E190-92(2008) Test Method for Guided Bend Test for Ductility of Welds, **03.01**
E191-64(2005) Specification for Apparatus For Microdetermination of Carbon and Hydrogen in Organic and Organo-Metallic Compounds, **14.04**
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E200-08 Practice for Preparation, Standardization, and Storage of Standard and Reagent Solutions for Chemical Analysis, **15.05**
E201 Withdrawn 2001; Test Method for Calculation of Volume and Weight of Industrial Chemical Liquids
E202-09 Test Methods for Analysis of Ethylene Glycols and Propylene Glycols, **15.05**
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E210-63(2005) Specification for Microscope Objective Thread, **14.04**
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E213-09 Practice for Ultrasonic Testing of Metal Pipe and Tubing, **03.03**
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E222-10 Test Methods for Hydroxyl Groups Using Acetic Anhydride Acetylation, **15.05**
E223-08 Test Methods for Analysis of Sulfuric Acid, **15.05**
E224-08 Test Methods for Analysis of Hydrochloric Acid, **15.05**
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E234 Withdrawn 2009; Test Method for Total Bromine Number of Unsaturated Aliphatic Chemicals
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E240 Redesignated G27
E241-09 Guide for Limiting Water-Induced Damage to Buildings, **04.11**
E242-01(2005)$^{\varepsilon 1}$ Reference Radiographs for Appearances of Radiographic Images as Certain Parameters Are Changed, **03.03**
E243-09 Practice for Electromagnetic (Eddy-Current) Examination of Copper and Copper-Alloy Tubes, **03.03**
E244 Withdrawn 2001; Test Method for Atom Percent Fission in Uranium and Plutonium Fuel (Mass Spectrometric Method)
E245 Withdrawn 1968; Method for Colorimetric Determination of Uranium in Aqueous Solutions; Replaced by E318

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E247-01(2005) Test Method for Determination of Silica in Manganese Ores, Iron Ores, and Related Materials by Gravimetry, **03.05**
E248-07 Test Method for Determination of Manganese in Manganese Ores by Pyrophosphate Complexed Permanganate Potentiometric Titrimetry, **03.05**
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E251-92(2009) Test Methods for Performance Characteristics of Metallic Bonded Resistance Strain Gauges, **03.01**
E252-06 Test Method for Thickness of Foil, Thin Sheet, and Film by Mass Measurement, **02.02**
E253-09a Terminology Relating to Sensory Evaluation of Materials and Products, **15.08**
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E255-07 Practice for Sampling Copper and Copper Alloys for the Determination of Chemical Composition, **03.05**
E256-09 Test Method for Chlorine in Organic Compounds by Sodium Peroxide Bomb Ignition, **15.05**
E257 Withdrawn 2009; Test Method for Sulfur in Organic Compounds by Sodium Peroxide Bomb Ignition
E258-07 Test Method for Total Nitrogen in Organic Materials by Modified Kjeldahl Method, **15.05**
E259-06 Practice for Preparation of Pressed Powder White Reflectance Factor Transfer Standards for Hemispherical and Bi-Directional Geometries, **06.01**
E260-96(2006) Practice for Packed Column Gas Chromatography, **03.06**
E261-10 Practice for Determining Neutron Fluence, Fluence Rate, and Spectra by Radioactivation Techniques, **12.02**
E262-08 Test Method for Determining Thermal Neutron Reaction Rates and Thermal Neutron Fluence Rates by Radioactivation Techniques, **12.02**
E263-09 Test Method for Measuring Fast-Neutron Reaction Rates by Radioactivation of Iron, **12.02**
E264-08 Test Method for Measuring Fast-Neutron Reaction Rates by Radioactivation of Nickel, **12.02**
E265-07$^{\varepsilon 1}$ Test Method for Measuring Reaction Rates and Fast-Neutron Fluences by Radioactivation of Sulfur-32, **12.02**
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E274-06 Test Method for Skid Resistance of Paved Surfaces Using a Full-Scale Tire, **04.03**
E275-08 Practice for Describing and Measuring Performance of Ultraviolet, Visible, and Near-Infrared Spectrophotometers, **03.06**
E276-03(2008)$^{\varepsilon 1}$ Test Method for Particle Size or Screen Analysis at No. 4 (4.75-mm) Sieve and Finer for Metal-Bearing Ores and Related Materials, **03.05**
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E280-10 Reference Radiographs for Heavy-Walled (4, **03.03**
E281 Withdrawn 1983; Method for Spectrographic Analysis of Carbon and Low-Alloy Steel by the Pellet Technique
E282 Withdrawn 1983; Method for Spectrographic Analysis of Carbon and Low-Alloy Steel by the Point-to-Plane Technique
E283-04 Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen, **04.11**
E284-09a Terminology of Appearance, **06.01**
E285-08 Test Method for Oxyacetylene Ablation Testing of Thermal Insulation Materials, **15.03**
E286 Withdrawn 1991; Test Method for Surface Flammability of Building Materials Using an 8-ft (2.44-m) Tunnel Furnace
E287-02(2007) Specification for Laboratory Glass Graduated Burets, **14.04**
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E289-04 Test Method for Linear Thermal Expansion of Rigid Solids with Interferometry, **14.02**
E290-09 Test Methods for Bend Testing of Material for Ductility, **03.01**
E291-09 Test Methods for Chemical Analysis of Caustic Soda and Caustic Potash (Sodium Hydroxide and Potassium Hydroxide), **15.05**
E292-09 Test Methods for Conducting Time-for-Rupture Notch Tension Tests of Materials, **03.01**
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E300-03(2009) Practice for Sampling Industrial Chemicals, **15.05**
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E303-93(2008) Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester, **04.03**
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E307-72(2008) Test Method for Normal Spectral Emittance at Elevated Temperatures, **15.03**
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E309-95(2006) Practice for Eddy-Current Examination of Steel Tubular Products Using Magnetic Saturation, **03.03**
E310-10 Reference Radiographs for Tin Bronze Castings, **03.03**
E311 Withdrawn 1982; Recommended Practice for Sampling and Sample Preparation Techniques in Spectrochemical Analysis
E312-06 Practice for Description and Selection of Conditions for Photographing Specimens Using Analog (Film) Cameras and Digital Still Cameras (DSC), **06.01**
E313-05 Practice for Calculating Yellowness and Whiteness Indices from Instrumentally Measured Color Coordinates, **06.01**
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E315-04 Test Methods for Chemical Analysis of Molybdenum, **03.05**
E316-00(2005) Test Method for Determination of Iron in Manganese Ores by Hydrogen Sulfide Reduction-Dichromate Titration, **03.05**
E317-06a Practice for Evaluating Performance Characteristics of Ultrasonic Pulse-Echo Testing Instruments and Systems without the Use of Electronic Measurement Instruments, **03.03**
E318 Withdrawn 1996; Test Method for Uranium in Aqueous Solutions by Colorimetry
E319-85(2008) Practice for the Evaluation of Single-Pan Mechanical Balances, **14.04**
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E321-96(2005) Test Method for Atom Percent Fission in Uranium and Plutonium Fuel (Neodymium-148 Method), **12.01**
E322-96(2004) Test Method for X-Ray Emission Spectrometric Analysis of Low-Alloy Steels and Cast Irons, **03.05**
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E324 Withdrawn 2001; Test Method for Relative Initial and Final Melting Points and the Melting Range of Organic Chemicals
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E333 Withdrawn 1977; Recommended Practice for Testing Thermal Control Coatings with Simulated 2000 to 4000 A Solar Ultraviolet Radiation; Replaced by E512
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E349-06 Terminology Relating to Space Simulation, **15.03**
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E351-93(2006) Test Methods for Chemical Analysis of Cast Iron—All Types, **03.05**
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E355-96(2007) Practice for Gas Chromatography Terms and Relationships, **03.06**
E356 Withdrawn 2001; Practices for Describing and Specifying the Spectrograph
E357 Withdrawn 2009; Test Method for Phosphorus in Organic Compounds by Sodium Peroxide Bomb Ignition
E358 Withdrawn 2000; Test Methods for Analysis of Phosphoric Acid
E359-10 Test Methods for Analysis of Soda Ash (Sodium Carbonate), **15.05**
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E364 Withdrawn 2006; Test Methods for Chemical Analysis of Ferrochrome-Silicon
E365 Withdrawn 2005; Test Method for the Determination of Vanadium in Ferrovanadium and Vanadium Alloying Additives
E366 Not Assigned
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E368 Withdrawn 1998; Method for Chemical Analysis of Ferromolybdenum
E369 Not Assigned
E370 Not Assigned
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E646-07 Test Method for Tensile Strain-Hardening Exponents (n -Values) of Metallic Sheet Materials, **03.01**
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ES. EMERGENCY STANDARDS

ES1 Withdrawn 1977; Emergency Standard Specification for Automotive Gasoline

ES2 Withdrawn 1977; Emergency Standard Specification for Aviation Turbine Fuels; Replaced by D1655

ES3 Withdrawn 1977; Emergency Standard Specification for Roof and Rock Bolts and Accessories; Replaced by F432

ES4 Withdrawn 1979; Emergency Standard Specification for Steel Castings, Ferritic and Martensitic, for Pressure-Containing and Other Applications for Low-Temperature Service; Replaced by A757/A757M

ES5 Withdrawn 1982; Emergency Standard Specification for Automotive Gasoline

ES6 Withdrawn 1988; Emergency Standard Practice for Labeling Ceramic Art Materials for Chronic Adverse Health Hazards; Replaced by C1023

ES7 Withdrawn 1988; Emergency Standard Test Method for Electromagnetic Shielding Effectiveness of Planar Materials; Replaced by D4935

ES8 Withdrawn 1988; Emergency Standard Specification for Portable Kerosine Containers for Consumer Use; Replaced by F976

ES9 Withdrawn 1988; Emergency Standard Practice for Cautionary Labeling of Portable Kerosine Containers for Consumer Use; Replaced by F926

ES10 Withdrawn 1988; Emergency Standard Method for 24-h Batch-Type Distribution Ration (RD) for Contaminant Sorption by Soils and Sediments; Replaced by D4646

ES11 Withdrawn 1987; Emergency Standard Specification Expanded or Exfoliated Vermiculite Thermal Insulating Cement; Replaced by C196

ES12 Withdrawn 1990; Emergency Standard Practice for Production and Evaluation of Field Metallographic Replicas

ES13 Withdrawn 1990; Emergency Standard Performance Specification for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas, and Hot Tubs; Replaced by F1346

ES14 Withdrawn 1992; Emergency Standard Test Method for Vapor Pressure of Petroleum Products (Automatic Method); Replaced by D5190

ES15 Withdrawn 1992; Emergency Standard Test Method for Vapor Pressure of Petroleum Products (Mini Method); Replaced by D5191

ES16 Withdrawn 1992; Emergency Standard Practice for Generation of Environmental Data Related to Waste Management Activities

ES17 Withdrawn 1993; Emergency Standard Specification for Special Purpose, Smooth-Tread Tire; Replaced by E1551

ES18 Withdrawn 1992; Emergency Standard Guide for Radon Control Options for the Design and Construction of New Low Rise Residential Buildings; Replaced by E1465

ES19 Withdrawn 1994; Emergency Standard Test Method for Particulate Contamination in Aviation Fuels by Laboratory Filtration; Replaced by D5452

ES20 Withdrawn 1994; Emergency Standard Test Method for Evaluating the Mechanical Properties of Fire-Retardant Treated Softwood Plywood Exposed to Elevated Temperatures; Replaced by D5516

ES21 Withdrawn 1995; Emergency Standard Test Method for Resistance of Protective Clothing Materials to Synthetic Blood; Replaced by F1670

ES22 Withdrawn 1995; Emergency Standard Test Method for Resistance of Protective Clothing Materials to Penetration by Blood-Borne Pathogens Using Viral Penetration as a Test System; Replaced by F1671

ES24 Withdrawn 1995; Emergency Standard Specification for Halon 1301 Bromotrifluoromethane (Cf3Br); Replaced by D5632

ES26 Withdrawn 1996; Emergency Standard Specification for Cautionary Labeling for Five Gallon Open-Head Containers (Buckets)

ES27 Withdrawn 1996; Emergency Standard Practice for Rubber—Establishing Replacement Immersion Reference Oils for ASTM No.2 and No.3 Immersion Oils as Used in Test Method D471; Replaced by D5964

ES28 Withdrawn 1995; Emergency Standard Practice for Field Collection of Dried Paint Samples for Lead Determination by Atomic Spectrometry Techniques; Replaced by E1729

ES29 Withdrawn 1995; Emergency Standard Practice for Field Collection of Soil Samples for Lead Determination by Atomic Spectrometry Techniques; Replaced by E1727

ES30 Withdrawn 1995; Emergency Standard Practice for Field Collection of Settled Dust Samples Using Wipe Sampling Methods for Lead Determination by Atomic Spectrometry Techniques; Replaced by E1728

ES33 Withdrawn 1995; Practice for Preparation of Airborne Particulate Lead Samples Collected During Abatement and Construction Activities for Subsequent Analysis by Atomic Spectrometry; Replaced by E1741

ES35 Withdrawn 1994; Emergency Test Methods for Analysis of Digested Samples for Lead by Inductively Coupled Plasma (ICP-AES) Flame Atomic Absorption (FAAS), or Graphite Furnace Atomic Absorption (GFAAS) Techniques; Replaced by E1613

ES36 Withdrawn 1995; Emergency Standard Practice for Hot Plate Digestion of Dust Wipe Samples for the Determination of Lead by Atomic Spectrometry; Replaced by E1644

ES37 Withdrawn 1995; Emergency Standard Practice for Practice for Preparation of Dried Paint Samples for Subsequent Lead Analysis by Atomic Spectrometry; Replaced by E1645

ES38 Withdrawn 1995; Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites; Replaced by E1739

ES40 Withdrawn 1997; Emergency Standard Practice for Alternative Procedures for the Assessment of Buried Steel Tanks Prior to the Addition of Cathodic Protection

F. MATERIALS FOR SPECIFIC APPLICATIONS

F1 Withdrawn 2009; Specification for Nickel-Clad and Nickel-Plated Steel Strip for Electron Tubes
F2 Withdrawn 1992; Specification for Aluminum-Clad Steel Strip and Nickel-Steel-Aluminum Composite Strip for Electron Tubes
F3 Withdrawn 2008; Specification for Nickel Strip for Electron Tubes
F4-66(2005) Specification for Carbonized Nickel Strip and Carbonized Nickel-Plated and Nickel-Clad Steel Strip for Electron Tubes, **10.04**
F5 Withdrawn 1994; Test Method for Volatile Content of Germanium Dioxide
F6 Withdrawn 1994; Test Method for Bulk Density of Germanium Dioxide
F7-95(2006) Specification for Aluminum Oxide Powder, **10.04**
F8 Withdrawn 1973; Recommended Practice for Testing Electron Tube Materials Using Reference Triodes
F9 Withdrawn 1992; Specification for Round Wire for Use as Grid Siderods in Electron Tubes
F10 Withdrawn 1992; Specification for Miniature Electron Tube Leads
F11 Withdrawn 1973; Recommended Practice for Testing Electron Tube Parts by Means of a Reference Planar Diode
F12 Withdrawn 1984; Specification for Mica Bridges for Electron Tubes
F13 Withdrawn 1979; Specification for Disk Cathode Assemblies
F14-80(2005) Practice for Making and Testing Reference Glass-Metal Bead-Seal, **15.02**
F15-04(2009) Specification for Iron-Nickel-Cobalt Sealing Alloy, **10.04**
F16-67(2006) Test Methods for Measuring Diameter or Thickness of Wire and Ribbon for Electronic Devices and Lamps, **10.04**
F17-08 Terminology Relating to Flexible Barrier Packaging, **15.10**
F18-64(2006) Specification and Test Method for Evaluation of Glass-to-Metal Headers Used in Electron Devices, **10.04**
F19-64(2005)$^{\varepsilon 1}$ Test Method for Tension and Vacuum Testing Metallized Ceramic Seals, **10.04**
F20 Withdrawn 1992; Specification for High-Conductivity Composite Aluminum-Steel-Copper Strip for Electron Tubes
F21-65(2007) Test Method for Hydrophobic Surface Films by the Atomizer Test, **15.03**
F22-02(2007) Test Method for Hydrophobic Surface Films by the Water-Break Test, **15.03**
F23 Withdrawn 2000; Guide for Selecting Methods of Temperature Measurement of Thermionic Emitters
F24-09 Test Method for Measuring and Counting Particulate Contamination on Surfaces, **15.03**
F25/F25M-09 Test Method for Sizing and Counting Airborne Particulate Contamination in Cleanrooms and Other Dust-Controlled Areas, **15.03**
F26 Withdrawn 2003; Test Methods for Determining the Orientation of a Semiconductive Single Crystal
F27 Withdrawn 1995; Practice for Preparing a Test Ingot of Germanium by Hydrogen Reduction of Germanium Dioxide
F28 Withdrawn 20032; Test Methods for Minority-Carrier Lifetime in Bulk Germanium and Silicon by Measurement of Photoconductivity Decay
F29-97(2009) Specification for Dumet Wire for Glass-to-Metal Seal Applications, **10.04**
F30-96(2009) Specification for Iron-Nickel Sealing Alloys, **10.04**
F31-05 Specification for 42 % Nickel-6 % Chromium-Iron Sealing Alloy, **10.04**
F32 Withdrawn 1973; Recommended Practice for Scratch-Adhesion Testing of Cathode Coatings
F33 Withdrawn 1971; Recommended Practice for Determination of Gas Content of Strip Materials
F34-02(2007) Practice for Construction of Test Cell for Liquid Extraction of Flexible Barrier Materials, **15.10**
F35 Withdrawn 1994; Practice for Identification of Minute Crystalline Particle Contaminants by X-Ray Diffraction
F36-99(2009) Test Method for Compressibility and Recovery of Gasket Materials, **09.02**
F37-06 Test Methods for Sealability of Gasket Materials, **09.02**
F38-00(2006) Test Methods for Creep Relaxation of a Gasket Material, **09.02**
F39 Withdrawn 1978; Methods of Testing Compressed Asbestos Sheet Packing
F40 Withdrawn 1989; Method for Preparing Monocrystalline Test Ingots of Silicon by the Vertical-Pulling (Czochralski) Technique
F41 Withdrawn 1995; Practice for Preparing Silicon Single Crystals by the Floating-Zone Technique for Evaluation of Polysilicon Ingot; Replaced by F1723
F42 Withdrawn 2003; Test Methods for Conductivity Type of Extrinsic Semiconducting Materials
F43 Withdrawn 2003; Test Methods for Resistivity of Semiconductor Materials
F44-95(2006) Specification for Metallized Surfaces on Ceramic, **10.04**
F45 Withdrawn 1971; Method of Test for Oxygen Content of Silicon
F46 Withdrawn 1993; Practice for Room Temperature Resistivity Measurements on Thermoelectric Materials
F47 Withdrawn 1998; Test Method for Crystallographic Perfection of Silicon by Preferential Etch Techniques; Replaced by F1725
F48 Withdrawn 1984; Recommended Practices for Dimensioning Mica Bridges
F49 Withdrawn 1978; Specification for Molybdenum Strip for Electron Tubes
F50-07 Practice for Continuous Sizing and Counting of Airborne Particles in Dust-Controlled Areas and Clean Rooms Using Instruments Capable of Detecting Single Sub-Micrometre and Larger Particles, **15.03**
F51-00(2007) Test Method for Sizing and Counting Particulate Contaminant In and On Clean Room Garments, **15.03**
F52 Withdrawn 1979; Method of Test for Silting Index of Fluids for Processing Electron and Microelectronic Devices
F53 Withdrawn 1984; Recommended Practice for Measurement of Sublimation from Thermionic Emitters
F54 Withdrawn 1981; Recommended Practice for Determining Multiple Photomask Registration
F55 Withdrawn 1991; Specification for Stainless Steel Bar and Wire for Surgical Implants
F56 Withdrawn 1991; Specification for Stainless Steel Sheet and Strip for Surgical Implants
F57 Withdrawn 1990; Test Method for Concentrating and Measuring Trace Quantities of Copper in High-Purity Water Used in the Electronics Industry
F58 Withdrawn 1998; Test Method of Measuring Specific Resistivity of Electronic Grade Solvents
F59 Withdrawn 1994; Practice for Identification of Metal Particulate Contamination Found in Electronic and Microelectronic Components and Systems Using the Ring Oven Technique, with Spot Tests
F60 Withdrawn 1993; Test Methods for Detection and Estimation of Microbiological Contaminants in Water Used for Processing Electron and Microelectronic Devices
F61 Withdrawn 1993; Test Method for Phosphate in Electronic Grade Hydrogen Peroxide Solutions
F62 Withdrawn 1990; Test Method for Tin in Electronic Grade Hydrogen Peroxide Solutions
F63 Withdrawn 1984; Specification for Electronic Grade Soluble Cellulose Nitrate
F64 Withdrawn 1981; Method of Test for Corrosive and Adhesive Effects of Gasket Materials on Metal Surfaces; Replaced by F607
F65 Withdrawn 1990; Specification for Primary Amyl Acetate (Mixed Isomers) for Use in Fabricating Electron Devices
F66 Withdrawn 1996; Test Methods for Testing Photoresists Used in Microelectronic Fabrication
F67-06 Specification for Unalloyed Titanium, for Surgical Implant Applications (UNS R50250, UNS R50400, UNS R50550, UNS R50700), **13.01**
F68-05$^{\varepsilon 1}$ Specification for Oxygen-Free Copper in Wrought Forms for Electron Devices, **02.01**
F69 Withdrawn 1984; Specification for Diethyl Oxalate for Use in Fabricating Electron Devices
F70 Withdrawn 1990; Specification for Cathode Carbonates
F71 Withdrawn 2005; Practice for Using the Morphological Key for the Rapid Identification of Fibers for Contamination Control in Electron Devices and Microelectronics; Replaced by D276
F72-06 Specification for Gold Wire for Semiconductor Lead Bonding, **10.04**
F73-96(2009) Specification for Tungsten-Rhenium Alloy Wire for Electron Devices and Lamps, **10.04**
F74 Withdrawn 1994; Practice for Determining Hydrolytic Stability of Plastic Encapsulants for Electronic Devices
F75-07 Specification for Cobalt-28 Chromium-6 Molybdenum Alloy Castings and Casting Alloy for Surgical Implants (UNS R30075), **13.01**
F76-08 Test Methods for Measuring Resistivity and Hall Coefficient and Determining Hall Mobility in Single-Crystal Semiconductors, **10.04**
F77 Withdrawn 2001; Test Method for Apparent Density of Ceramics for Electron Device and Semiconductor Application
F78 Withdrawn 2008; Test Method for Calibration of Helium Leak Detectors by Use of Secondary Standards
F79-69(2005) Specification for Type 101 Sealing Glass, **15.02**
F80 Withdrawn 1998; Test Method for Crystallographic Perfection of Epitaxial Deposits of Silicon by Etching Techniques; Replaced by F1726
F81 Withdrawn 2003; Test Method for Measuring Radial Resistivity Variation on Silicon Wafers
F82 Withdrawn 1976; Recommended Practice for Fast Quality Check on Immersion for Nonmetallic Gasket Materials
F83-71(2009) Practice for Definition and Determination of Thermionic Constants of Electron Emitters, **10.04**
F84 Withdrawn 2003; Test Method for Measuring Resistivity of Silicon Wafers With an In-Line Four-Point Probe
F85-76(2009) Practice for Nomenclature for Wire Leads Used as Conductors in Electron Tubes, **10.04**
F86-04(2009) Practice for Surface Preparation and Marking of Metallic Surgical Implants, **13.01**
F87 Withdrawn 1980; Method of Test for Rate of Grease Penetration of Flexible Barrier Materials
F88/F88M-09 Test Method for Seal Strength of Flexible Barrier Materials, **15.10**
F89 Withdrawn 1980; Method for Determination of the Modulus of a Flexible Barrier Material by Sonic Method
F90-09 Specification for Wrought Cobalt-20Chromium-15Tungsten-10Nickel Alloy for Surgical Implant Applications (UNS R30605), **13.01**
F91-06 Practice for Testing for Leaks in the Filters Associated With Laminar Flow Clean Rooms and Clean Work Stations by Use of a Condensation Nuclei Detector, **15.03**
F92-93(2008) Practice for Determination of Character Yield of Inked Fabric Typewriter and Printer Ribbons, **15.09**
F93 Withdrawn 1979; Recommended Practice for Preparation of Specifications for the Procurement of Photomasks
F94 Withdrawn 1992; Test Method for Aluminum in Electronic Grade Hydrogen Peroxide
F95 Withdrawn 2003; Test Method for Thickness of Lightly Doped Silicon Epitaxial Layers on Heavily Doped Silicon Substrates Using an Infrared Dispersive Spectrophotometer

F96-77(2005) Specification for Electronic Grade Alloys of Copper and Nickel in Wrought Forms, **10.04**
F97 Withdrawn 2008; Practices for Determining Hermeticity of Electron Devices by Dye Penetration
F98 Withdrawn 1992; Practices for Determining Hermeticity of Electron Devices by a Bubble Test
F99-07 Practice for Preparation of Flexible Barrier Material Specifications, **15.10**
F100 Withdrawn 1996; Test Method for Shrinkage Stresses in Plastic Embedment Materials Using a Photoelastic Technique for Electronic and Similar Applications
F101 Withdrawn 1973; Specification for Composite Strip of Iron-Nickel-Cobalt Alloy and Copper for Use in Electron Devices
F102 Withdrawn 1990; Method for Spectrochemical Analysis of Emissive Carbonates by the Powder D-C Arc Technique
F103 Withdrawn 1972; Specification for Alumina; Replaced by D2442
F104-03(2009) Classification System for Nonmetallic Gasket Materials, **09.02**
F105-72(2005) Specification for Type 58 Borosilicate Sealing Glass, **15.02**
F106-06 Specification for Brazing Filler Metals for Electron Devices, **10.04**
F107 Withdrawn 1976; Recommended Practice for Boron-Deoxidized Copper in Wrought Forms for Electron Devices
F108 Withdrawn 1993; Test Method for Resistivity of Silicon Epitaxial Layers by the Three-Probe Voltage Breakdown Method
F109-04(2009) Terminology Relating to Surface Imperfections on Ceramics, **15.02**
F110 Withdrawn 2003; Test Method for Thickness of Epitaxial or Diffused Layers in Silicon by the Angle Lapping and Staining Technique
F111 Withdrawn 2008; Practice for Determining Barium Yield, Getter Gas Content, and Getter Sorption Capacity for Barium Flash Getters
F112-00(2006) Test Method for Sealability of Enveloped Gaskets, **09.02**
F113 Withdrawn 1995; Method for Stiffness Testing of Wire for Electron Devices and Lamps
F114 Withdrawn 1980; Specification for Bone Screw Threads; Replaced by F543
F115 Withdrawn 1980; Specification for Bone Screw Heads; Replaced by F543
F116-00(2009) Specification for Medical Screwdriver Bits, **13.01**
F117 Withdrawn 2001; Test Method for Driving Torque of Medical Bone Screws; Replaced by F543, F1622
F118-04 Definitions of Terms Relating to Gaskets, **09.02**
F119-82(2008) Test Method for Rate of Grease Penetration of Flexible Barrier Materials (Rapid Method), **15.10**
F120 Withdrawn 1993; Practices for Determination of the Concentration of Impurities in Single Crystal Semiconductor Materials by Infrared Absorption Spectroscopy
F121 Withdrawn 1990; Test Method for Interstitial Atomic Oxygen Content of Silicon by Infrared Absorption
F122 Withdrawn 1990; Test Method for Interstitial Atomic Oxygen Content of Germanium by Infrared Absorption
F123 Withdrawn 1992; Test Method for Substitutional Atomic Carbon Content of Silicon by Infrared Absorption; Replaced by F1391
F124 Withdrawn 1976; Method of Test for Coincident Current Memory Core Stacks
F125 Withdrawn 1976; Method of Test for Non-Metallic Magnetic Cores to be Used in a Linear Select Memory With a Non-Symmetrical Ratio Operation Under Full Switching Conditions
F126 Withdrawn 1976; Terms and Definitions Which Relate to the Use and Testing of Ferrite Memory Cores and Memory Core Arrays
F127 Withdrawn 1993; Definitions of Terms Relating to Photomasking Technology for Microelectronics
F128 Withdrawn 1992; Methods of Testing Sleeves and Tubing for Electron Tube Cathodes
F129-97(2008) Practice for Amount of Ink Deposit on Carbon Paper and Inked Ribbons, Other Than Fabric Type, **15.09**
F130 Redesignated A883
F131 Redesignated A893
F132 Withdrawn 1987; Methods of Testing Nonmetallic Magnetic Cores to be Used in a Coincident Current Memory With a Two-to-One Selection Ratio Operating Under Full Switching Conditions
F133 Redesignated A894
F134 Withdrawn 1996; Test Methods for Determining Hermeticity of Electron Devices with a Helium Mass Spectrometer Detector
F135 Withdrawn 1998; Test Method for Embedment Stress Caused by Casting Compounds on Glass-Encased Electronic Components
F136-08$^{\varepsilon 1}$ Specification for Wrought Titanium-6Aluminum-4Vanadium ELI (Extra Low Interstitial) Alloy for Surgical Implant Applications (UNS R56401), **13.01**
F137-08 Test Method for Flexibility of Resilient Flooring Materials with Cylindrical Mandrel Apparatus, **15.04**
F138-08 Specification for Wrought 18Chromium-14Nickel-2.5Molybdenum Stainless Steel Bar and Wire for Surgical Implants (UNS S31673), **13.01**
F139-08 Specification for Wrought 18Chromium-14Nickel-2.5Molybdenum Stainless Steel Sheet and Strip for Surgical Implants (UNS S31673), **13.01**
F140-98(2008) Practice for Making Reference Glass-Metal Butt Seals and Testing for Expansion Characteristics by Polarimetric Methods, **15.02**
F141-08a Terminology Relating to Resilient Floor Coverings, **15.04**
F142 Withdrawn 2007; Test Method for Indentation of Resilient Floor Tiles (McBurney Test); Replaced by F1914
F143 Withdrawn 1985; Method of Test for Thickness of Epitaxial Layers of Silicon by Measurement of Stacking Fault Dimension
F144-80(2005) Practice for Making Reference Glass-Metal Sandwich Seal and Testing for Expansion Characteristics by Polarimetric Methods, **15.02**
F145-72(2009) Practice for Evaluating Flat-Faced Gasketed Joint Assemblies, **09.02**
F146-04 Test Methods for Fluid Resistance of Gasket Materials, **09.02**
F147-87(2009) Test Method for Flexibility of Non-Metallic Gasket Materials, **09.02**
F148-02(2007) Test Method for Binder Durability of Cork Composition Gasket Materials, **09.02**
F149-92b(2009) Terminology Relating to Optical Character Recognition, **15.09**
F150-06 Test Method for Electrical Resistance of Conductive and Static Dissipative Resilient Flooring, **15.04**
F151 Withdrawn 2004; Test Method for Residual Solvents in Flexible Barrier Materials
F152-95(2009) Test Methods for Tension Testing of Nonmetallic Gasket Materials, **09.02**
F153-95(2008) Test Method for Determining the Yield of Wide Inked Computer Ribbons, **15.09**
F154 Withdrawn 2003; Guide for Identification of Structures and Contaminants Seen on Specular Silicon Surfaces
F155 Withdrawn 1983; Method of Test for Temper of Strip and Sheet Metals for Electronic Devices (Spring-Back Method)
F156 Not Assigned
F157 Withdrawn 1959; Methods of Testing Wire for Supports Used in Electronic Devices and Lamps
F158 Not Assigned
F159 Not Assigned
F160 Not Assigned
F161 Not Assigned
F162 Not Assigned
F163 Not Assigned
F164 Not Assigned
F165 Not Assigned
F166 Not Assigned
F167 Not Assigned
F168 Not Assigned
F169 Not Assigned
F170 Not Assigned
F171 Not Assigned
F172 Not Assigned
F173 Not Assigned
F174 Not Assigned
F175 Withdrawn 1963; Specification for Round Nickel Wire for Lamps and Electronic Devices
F176 Not Assigned
F177 Not Assigned
F178 Not Assigned
F179 Not Assigned
F180-94(2005) Test Method for Density of Fine Wire and Ribbon Wire for Electronic Devices, **10.04**
F181 Not Assigned
F182 Not Assigned
F183 Not Assigned
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F195 Not Assigned
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F197 Not Assigned
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F199 Not Assigned
F200 Not Assigned
F201 Not Assigned
F202 Not Assigned
F203 Withdrawn 1965; Method of Test for Strength of Welded Joints of Lead Wires for Electronic Devices and Lamps
F204-76(2009) Test Method for Surface Flaws in Tungsten Seal Rod and Wire, **10.04**
F205-94(2005) Test Method for Measuring Diameter of Fine Wire by Weighing, **10.04**
F206 Not Assigned
F207 Not Assigned
F208 Not Assigned
F209 Not Assigned
F210 Not Assigned
F211 Not Assigned
F212 Not Assigned
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F214 Not Assigned
F215 Not Assigned
F216 Not Assigned

F217 Not Assigned
F218-05 Test Method for Measuring Optical Retardation and Analyzing Stress in Glass, **15.02**
F219-96(2009) Test Methods of Testing Fine Round and Flat Wire for Electron Devices and Lamps, **10.04**
F220 Not Assigned
F221-98(2009) Terminology Relating to Carbon Paper and Inked Ribbon Products and Images Made Therefrom, **15.09**
F222 Not Assigned
F223 Not Assigned
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F230 Not Assigned
F231 Not Assigned
F232 Withdrawn 1984; Method of Test for Curl Resistance of Carbon Paper
F233 Not Assigned
F234 Not Assigned
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F238 Withdrawn 1978; Recommended Practice for Cathode Melt Prove-in Testing
F239 Withdrawn 1992; Specification for Nickel-Alloy Cathode Sleeves for Electron Devices
F240 Not Assigned
F241 Not Assigned
F242 Not Assigned
F243 Not Assigned
F244 Not Assigned
F245 Not Assigned
F246 Not Assigned
F247 Not Assigned
F248 Not Assigned
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F251 Not Assigned
F252 Not Assigned
F253 Not Assigned
F254 Withdrawn 1998; Test Method for Slip Resistance of Carbon Paper
F255 Not Assigned
F256-05$^{\varepsilon 1}$ Specification for Chromium-Iron Sealing Alloys with 18 or 28 Percent Chromium, **10.04**
F257 Withdrawn 1973; Specification for 28% Chromium-Iron Alloy for Sealing to Glass; Combined with F 256
F258 Not Assigned
F259 Not Assigned
F260 Not Assigned
F261 Not Assigned
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F263 Not Assigned
F264 Not Assigned
F265 Not Assigned
F266 Not Assigned
F267 Not Assigned
F268 Withdrawn 1959; Specification for Round Chromium-Copper Wire for Electronic Devices
F269-60(2009) Test Method for Sag of Tungsten Wire, **10.04**
F270 Withdrawn 1972; Recommended Practice for Testing Relative Thermionic Emissive Properties of Electron Tube Materials Using a Reference Cylindrical Diode
F271 Not Assigned
F272 Not Assigned
F273 Not Assigned
F274 Not Assigned
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F276 Not Assigned
F277 Not Assigned
F278 Withdrawn 1972; Method of Test for Sublimination Characteristics of Metallic Materials in Cathode Sleeve Form by Electrical Resistance
F279 Not Assigned
F280 Not Assigned
F281 Not Assigned
F282 Not Assigned
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F285 Not Assigned
F286 Not Assigned
F287 Not Assigned
F288-96(2009) Specification for Tungsten Wire for Electron Devices and Lamps, **10.04**
F289-96(2009) Specification for Molybdenum Wire and Rod for Electronic Applications, **10.04**
F290-94(2005) Specification for Round Wire for Winding Electron Tube Grid Laterals, **10.04**
F291 Not Assigned
F292 Not Assigned
F293 Not Assigned
F294 Not Assigned
F295 Not Assigned
F296 Not Assigned
F297 Not Assigned
F298 Not Assigned
F299 Not Assigned
F300 Withdrawn 1992; Test Methods for Measuring Interface Impedance Characteristics of Electron Tube Cathodes
F301 Withdrawn 2000; Practice for Open Bottle Tap Sampling of Liquid Streams
F302-09 Practice for Field Sampling of Aerospace Fluids in Containers, **15.03**
F303-08 Practices for Sampling for Particles in Aerospace Fluids and Components, **15.03**
F304 Withdrawn 1988; Method of Sampling for Particulates from Aerospace Components With Convolutes
F305 Withdrawn 1988; Method of Sampling Particulates from Reservoir-Type Pressure-Sensing Instruments by Fluid Flushing
F306 Withdrawn 2000; Practice for Sampling Particulates from Man-Accessible Storage Vessels for Aerospace Fluids by Vacuum Entrainment Technique (General Method)
F307-02(2007) Practice for Sampling Pressurized Gas for Gas Analysis, **15.03**
F308 Withdrawn 1988; Method of Sampling Gas Blow-Down Systems and Components for Particulate Contamination by Manual Method
F309-04(2010) Practice for Liquid Sampling of Noncryogenic Aerospace Propellants, **15.03**
F310-07 Practice for Sampling Cryogenic Aerospace Fluids, **15.03**
F311-08 Practice for Processing Aerospace Liquid Samples for Particulate Contamination Analysis Using Membrane Filters, **15.03**
F312-08 Test Methods for Microscopical Sizing and Counting Particles from Aerospace Fluids on Membrane Filters, **15.03**
F313 Redesignated D4898
F314 Withdrawn 1991; Test Methods for Identification of Metallic and Fibrous Contaminants in Aerospace Fluids
F315 Withdrawn 1998; Test Methods of Identification of Solder and Solder Flux Contaminants in Aerospace Fluids
F316-03 Test Method for Pore Size Characteristics of Membrane Filters by Bubble Point and Mean Flow Pore Test, **11.02**
F317 Withdrawn 1995; Test Method for Liquid Flow Rate of Membrane Filters
F318-06 Practice for Sampling Airborne Particulate Contamination in Cleanrooms for Handling Aerospace Fluids, **15.03**
F319-09 Practice for Polarized Light Detection of Flaws in Aerospace Transparency Heating Elements, **15.03**
F320-10 Test Method for Hail Impact Resistance of Aerospace Transparent Enclosures, **15.03**
F321 Withdrawn 1983; Automatic Particle Counter Size Setting Method
F322 Withdrawn 1992; Method for Determining the Quality of Calibration Particles for Automatic Particle Counters
F323 Withdrawn 1989; Practice for Precision Classification of Particles
F324 Withdrawn 1987; Test Method for Nonvolatile Residue of Volatile Cleaning Solvents Using the Solvent Purity Meter
F325 Not Assigned
F326-96(2006) Test Method for Electronic Measurement for Hydrogen Embrittlement From Cadmium-Electroplating Processes, **15.03**
F327-08 Practice for Sampling Gas Blow Down Systems and Components for Particulate Contamination by Automatic Particle Monitor Method, **15.03**
F328 Withdrawn 2007; Practice for Calibration of an Airborne Particle Counter Using Monodisperse Spherical Particles
F329 Withdrawn 1993; Practice for Sampling and Measurement of Particulate Contamination in Liquids Using an In-Line Automatic Monitor
F330-10 Test Method for Bird Impact Testing of Aerospace Transparent Enclosures, **15.03**
F331-05 Test Method for Nonvolatile Residue of Solvent Extract from Aerospace Components (Using Flash Evaporator), **15.03**
F332 Withdrawn 1982; Method of Test for Amount of Nonvolatile Residue (NVR) in Trichlorotrifluouroethane (Meseran Procedure)
F333 Withdrawn 1982; Method of Test for Amount of Lubricant on the Surface of Aluminum Foils (Meseran Procedure)
F334 Withdrawn 1990; Method for Measuring Lithium-Ion Drift Mobility in Germanium Single Crystals
F335-03(2009) Terminology Relating to Electrostatic Imaging, **15.09**
F336-02(2009) Practice for Design and Construction of Nonmetallic Enveloped Gaskets for Corrosive Service, **09.02**
F337 Withdrawn 1982; Recommended Practice for Dimensions and Tolerances for Bone Plates; Replaced by F786
F338 Withdrawn 1982; Specification for Tipial-Type Bone Plate; Replaced by F786
F339 Withdrawn 1998; Specification for Cloverleaf Intramedullary Pins
F340 Withdrawn 1997; Specification for Pilot-Type Medical Countersinks
F341 Withdrawn 1982; Specification for Slotted Bone Plates; Replaced by F786
F342 Withdrawn 1993; Specification for Counterlocking Screws (Thornton Type)
F343 Withdrawn 1993; Specification for Counterlocking Screws (Mclaughlin Type)
F344 Withdrawn 1993; Specification for Counterbored Hex-Head Bolts (Thornton Type) Made from Stainless Steel
F345 Withdrawn 1993; Specification for Counterbored Hex-Head Bolts (Mclaughlin Type) Made from Stainless Steel
F346 Withdrawn 1993; Specification for Cannulated Hex-Head Bolts (Thornton

Type) Made from Cobalt-Chromium Alloy
F347 Withdrawn 1993; Specification for Cannulated Hex-Head Bolts (Mclaughlin Type) Made from Cobalt-Chromium Alloy
F348 Withdrawn 1993; Specification for Hex-Head Bolts (Thornton Type) Made from Cobalt-Chromium Alloy
F349 Withdrawn 1993; Specification for Hex-Head Bolts (Mclaughlin Type) Made from Cobalt-Chromium Alloy
F350 Withdrawn 1993; Specification for Hex-Head Bolts (Thornton Type) and Lock Washers Made from Stainless Steel
F351 Withdrawn 1993; Specification for Hex-Head Bolts (Mclaughlin Type) and Lock Washers Made from Stainless Steel
F352 Withdrawn 1993; Specification for Lock Washers Made from Stainless Steel
F353 Withdrawn 1991; Specification for Tri-Fin Nails Made from Cobalt-Chromium Alloy; Replaced by F1028
F354 Withdrawn 1991; Specification for Tri-Fin Nails Made from Stainless Steel; Replaced by F1028
F355-10a Test Method for Impact Attenuation of Playing Surface Systems and Materials, **15.07**
F356 Withdrawn 2001; Specification for Beryllia Ceramics for Electronic and Electrical Applications
F357 Withdrawn 2008; Practice for Determining Solderability of Thick Film Conductors
F358 Withdrawn 2008; Test Method for Wavelength of Peak Photoluminescence and the Corresponding Composition of Gallium Arsenide Phosphide Wafers
F359 Withdrawn 2003; Practice for Static Immersion Testing of Unstressed Materials in Nitrogen Tetroxide (N_2O_4)
F360-82(2006) Practice for Image Evaluation of Electrostatic Business Copies, **15.09**
F361 Withdrawn 1987; Practice for Assessment of Compatibility of Metallic Materials for Surgical Implants With Respect to Effect of Materials on Tissue; Replaced by F981
F362-91(2005) Test Method for Determining the Erasability of Inked Ribbons, **15.09**
F363-99(2004) Test Method for Corrosion Testing of Gaskets, **09.02**
F364-96(2009) Specification for Molybdenum Flattened Wire for Electron Tubes, **10.04**
F365 Withdrawn 1977; Recommended Practice for Electrostatic Charge Mobility on Flexible Barrier Materials
F366-04(2009) Specification for Fixation Pins and Wires, **13.01**
F367 Withdrawn 1997; Specification for Holes and Slots for Inch Cortical Bone Screws
F367M Withdrawn 1997; Specification for Holes and Slots with Spherical Contour for Metgric Cortical Bone Screws [Metric]
F368 Withdrawn 1982; Specification for Fixation Pins–Knowles and Hagie Types; Replaced by F366
F369 Withdrawn 1982; Specification for Hip Nail–Jewett Type; Replaced by F787
F370 Withdrawn 2005; Specification for Proximal Femoral Endoprosthesis
F371 Withdrawn 2003; Test Methods for Compatibility of Materials with Liquid Oxygen (Reaction Intensity Method)
F372 Withdrawn 2009; Test Method for Water Vapor Transmission Rate of Flexible Barrier Materials Using an Infrared Detection Technique
F373-06 Test Method for Embossed Depth of Resilient Floor Coverings, **15.04**
F374 Withdrawn 2003; Test Method for Sheet Resistance of Silicon Epitaxial, Diffused, Polysilicon, and Ion-Implanted Layers Using an In-Line Four-Point Probe with the Single-Configuration Procedure
F375-89(2005) Specification for Integrated Circuit Lead Frame Material, **10.04**
F376/F376M Withdrawn 1994; Test Methods for Tires for Wet Traction Performance in Cornering
F377-03(2009) Practice for Calibration of Braking/Tractive Measuring Devices for Testing Tires, **09.02**
F378 Withdrawn 1978; Method of Test for Electrical Ignition Characteristics of Gas-Filled Flash Lamps
F379 Withdrawn 1994; Test Method for Measuring Slope Efficiency and Lasing Threshold of Ruby Laser Rods
F380 Withdrawn 1994; Test Method for Effective Fluorescent Lifetime of Neodymium-Doped Laser Materials
F381-09a Safety Specification for Components, Assembly, Use, and Labeling of Consumer Trampolines, **15.07**
F382-99(2008)$^{\varepsilon 1}$ Specification and Test Method for Metallic Bone Plates, **13.01**
F383 Withdrawn 1996; Practice for Static Bend and Torsion Testing of Intramedullary Rods
F384-06$^{\varepsilon 1}$ Specifications and Test Methods for Metallic Angled Orthopedic Fracture Fixation Devices, **13.01**
F385 Not Assigned
F386-02(2008) Test Method for Thickness of Resilient Flooring Materials Having Flat Surfaces, **15.04**
F387-02(2008) Test Method for Measuring Thickness of Resilient Floor Covering With Foam Layer, **15.04**
F388 Withdrawn 1993; Method for Measurement of Oxide Thickness on Silicon Wafers and Metallization Thickness by Multiple-Beam Interference (Tolanksy Method)
F389 Withdrawn 1993; Test Method for Crystallographic Perfection of Germanium by Preferential Etch Techniques
F390-98(2003) Test Method for Sheet Resistance of Thin Metallic Films With a Collinear Four-Probe Array, **10.04**
F391 Withdrawn 2003; Test Methods for Minority Carrier Diffusion Length in Extrinsic Semiconductors by Measurement of Steady-State Surface Photovoltage
F392-93(2004) Test Method for Flex Durability of Flexible Barrier Materials, **15.10**
F393 Withdrawn 1982; Recommended Practice for Inspection of Pneumatic Tires Prior to Retreading
F394 Withdrawn 2001; Test Method for Biaxial Flexure Strength (Modulus of Rupture) of Ceramic Substrates
F395-10 Terminology Relating to Vacuum Cleaners, **15.08**
F396-00(2009) Practice for Comparing One-Time Noncorrectable Typewriter Ribbons, **15.09**
F397 Withdrawn 2003; Test Method for Resistivity of Silicon Bars Using a Two-Point Probe
F398 Withdrawn 2003; Test Method for Majority Carrier Concentration in Semiconductors by Measurement of Wavenumber or Wavelength of the Plasma Resonance Minimum
F399 Withdrawn 2003; Test Method for Thickness of Heteroepitaxial or Polysilicon Layers
F400-10 Consumer Safety Specification for Lighters, **15.11**
F401 Withdrawn 1980; Method of Test for Yield and Maintainence Factors for Gaskets
F402-05 Practice for Safe Handling of Solvent Cements, Primers, and Cleaners Used for Joining Thermoplastic Pipe and Fittings, **08.04**
F403 Withdrawn 2007; Test Method for Tires for Wet Traction in Straight-Ahead Braking, Using Highway Vehicles
F404-08 Consumer Safety Specification for High Chairs, **15.11**
F405-05 Specification for Corrugated Polyethylene (PE) Pipe and Fittings, **08.04**
F406-10 Consumer Safety Specification for Non-Full-Size Baby Cribs/Play Yards, **15.11**
F407 Not Assigned
F408-99(2008) Test Method for Tires for Wet Traction in Straight-Ahead Braking, Using a Towed Trailer, **09.02**
F409-02(2008) Specification for Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings, **08.04**
F410-08 Test Method for Wear Layer Thickness of Resilient Floor Coverings by Optical Measurement, **15.04**
F411 Withdrawn 1988; Method for Service-Free Life Evaluation of Air Handling System of Household Canister, Stick, Hand-Held, and Utility Vacuum Cleaners; Replaced by F1038
F412-09 Terminology Relating to Plastic Piping Systems, **08.04**
F413 Withdrawn 2002; Practice for Preparation of an Offset Duplicator for Use in Functional Testing of Lithographic Copy Products
F414-09 Test Method for Energy Absorbed by a Tire When Deformed by Slow-Moving Plunger, **09.02**
F415-87(2005) Test Method for Curl in Carbon Paper, **15.09**
F416 Withdrawn 1998; Test Method for Detection of Oxidation Induced Defects in Polished Silicon Wafers; Replaced by F1727
F417 Withdrawn 2001; Test Method for Flexural Strength (Modulus of Rupture) of Electronic-Grade Ceramics
F418 Withdrawn 2008; Practice for Preparation of Samples of the Constant Composition Region of Epitaxial Gallium Arsenide Phosphide for Hall Effect Measurements
F419 Withdrawn 2001; Test Method for Determining Carrier Density in Silicon Epitaxial Layers by Capacitance-Voltage Measurements on Fabricated Junction or Schottky Diodes
F420-04(2009) Test Method for Access Depth Under Furniture of Vacuum Cleaners, **15.08**
F421-07 Test Method for Measuring Groove and Void Depth in Passenger Car Tires, **09.02**
F422 Not Assigned
F423 Withdrawn 2002; Specification forPolytetrafluoroethylene (PTFE) Plastic-Lined Ferrous Metal Pipe, Fittings, and Flanges
F424 Withdrawn 2006; Test Method for Tires for Wet Driving Traction in Straight-Ahead Motion Using Highway Vehicles
F425 Withdrawn 2003; Terminology Relating to Lithographic Copy Products
F426 Withdrawn 1995; Practice for Evaluating and Classifying Methods for the Analysis of Fat in Meat and Meat Products
F427 Withdrawn 1995; Practice for Sampling Meat to Determine Percent Composition in a Lot
F428-09 Test Method for Intensity of Scratches on Aerospace Glass Enclosures, **15.03**
F429-01(2007) Test Method for Shock-Attenuation Characteristics of Protective Headgear for Football, **15.07**
F430-05 Test Methods for Paper Used for Vacuum Cleaner Filter Bags, **15.08**
F431-04(2008) Specification for Air Performance Measurement Plenum Chamber for Vacuum Cleaners, **15.08**
F432-08 Specification for Roof and Rock Bolts and Accessories, **01.08**
F433-02(2009) Practice for Evaluating Thermal Conductivity of Gasket Materials, **09.02**
F434-93(2009) Test Method for Blow-Out Testing of Preformed Gaskets, **09.02**
F435 Withdrawn 1988; Method of Test for Peak Wet Traction of Tires in Cornering With Driving Torque Application, Using Highway Vehicles
F436-09 Specification for Hardened Steel Washers, **01.08**
F436M-09 Specification for Hardened Steel Washers (Metric), **01.08**
F437-09 Specification for Threaded Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80, **08.04**
F438-09 Specification for Socket-Type Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40, **08.04**

F439-09 Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80, **08.04**

F440 Not Assigned

F441/F441M-09 Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80, **08.04**

F442/F442M-09 Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe (SDR–PR), **08.04**

F443 Withdrawn 1987; Specification for Bell-End Chlorinated Poly(Vinyl Chloride)(CPVC) Pipe, Schedule 40

F444-88(2009) Consumer Safety Specification for Scald-Preventing Devices and Systems in Bathing Areas, **15.11**

F445-88(2009) Consumer Safety Specification for Thermal-Shock-Preventing Devices and Systems in Showering Areas, **15.11**

F446-85(2009) Consumer Safety Specification for Grab Bars and Accessories Installed in the Bathing Area, **15.11**

F447 Withdrawn 1982; Specification for V-Style Blade Plate; Replaced by F787

F448-99(2005) Test Method for Measuring Steady-State Primary Photocurrent, **10.04**

F449-02(2008) Practice for Subsurface Installation of Corrugated Polyethylene Pipe for Agricultural Drainage or Water Table Control, **08.04**

F450-09 Test Methods for Vacuum Cleaner Hose—Durability and Reliability (Plastic), **15.08**

F451-08 Specification for Acrylic Bone Cement, **13.01**

F452-76(2008) Specification for Preformed Cranioplasty Plates, **13.01**

F453 Withdrawn 1994; Specification for Hooked Intramedullary Pins; Replaced by F1264

F454 Withdrawn 1994; Specification for Intramedullary Pins; Replaced by F1264

F455 Withdrawn 1994; Specification for Solid Cross-Section Intramedullary Nails; Replaced by F1264

F456 Withdrawn 1988; Test Method for Pinhole Flex Life of Films by Axial Vibration of a Tubular Sample

F457-04(2010) Test Method for Speed and Distance Calibration of Fifth Wheel Equipped With Either Analog or Digital Instrumentation, **09.02**

F458-06 Practice for Nondestructive Pull Testing of Wire Bonds, **10.04**

F459-06 Test Methods for Measuring Pull Strength of Microelectronic Wire Bonds, **10.04**

F460 Withdrawn 1985; Method for Laboratory Test for Relative Cornering and Aligning Stiffnesses of Passenger Car Tires

F461 Not Assigned

F462-79(2007) Consumer Safety Specification for Slip-Resistant Bathing Facilities, **15.11**

F463 Withdrawn 1995; Test Method for Fat in Meat and Meat Products by Ether Extraction

F464 Withdrawn 1995; Test Methods for Fat in Meat and Meat Products by the Foss-Let Fat Analyzer Techniques

F465 Withdrawn 1993; Practice for Developing Precision and Accuracy Data on ASTM Method for the Analysis of Meat And Meat Products; Replaced by F691

F466 Withdrawn 1997; Test Method for Small-Signal Scattering Parameters of Low-Power Transistors in the 0.2 to 2.0-GHz Frequency Range

F467-08$^{\varepsilon 1}$ Specification for Nonferrous Nuts for General Use, **01.08**

F467M-06a$^{\varepsilon 2}$ Specification for Nonferrous Nuts for General Use (Metric), **01.08**

F468-06$^{\varepsilon 1}$ Specification for Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, **01.08**

F468M-06$^{\varepsilon 1}$ Specification for Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], **01.08**

F469 Withdrawn 1987; Practice for Assessment of Compatibility of Nonporous Polymeric Materials for Surgical Implants with Regard to Effect of Materials on Tissue

F470-89(2009) Practice for Caking Temperature of Dry Electrostatic Toner, **15.09**

F471-76(2002) Terminology Relating to Combination Locks, **15.08**

F472-92(2006) Terminology for Geometry of Alpine Skis, **15.07**

F473-09 Specification for Binding Mounting Area Dimensions on Alpine Skis and Bindings, **15.07**

F474 Withdrawn 2004 Specification forStatic Screw-Retention Strength of Binding Mounting Area on Alpine Skis

F475 Withdrawn 2004; Specifications forTest Screw Used in Screw-Retention Test of Binding Mounting Area on Alpine Skis

F476-84(2002) Test Methods for Security of Swinging Door Assemblies, **15.08**

F477-08 Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe, 08.04

F478-09 Specification for In-Service Care of Insulating Line Hose and Covers, **10.03**

F479-06 Specification for In-Service Care of Insulating Blankets, **10.03**

F480-06b Specification for Thermoplastic Well Casing Pipe and Couplings Made in Standard Dimension Ratios (SDR), SCH 40 and SCH 80, **08.04**

F481-97(2008) Practice for Installation of Thermoplastic Pipe and Corrugated Pipe in Septic Tank Leach Fields, **08.04**

F482-09 Practice for Corrosion of Aircraft Metals by Total Immersion in Maintenance Chemicals, **15.03**

F483-09 Practice for Total Immersion Corrosion Test for Aircraft Maintenance Chemicals, **15.03**

F484-08 Test Method for Stress Crazing of Acrylic Plastics in Contact with Liquid or Semi-Liquid Compounds, **15.03**

F485-08 Practice for Effects of Cleaners on Unpainted Aircraft Surfaces, **15.03**

F486-01(2006) Practice for Preparation of Use and Care Booklets for Vacuum Cleaners, **15.08**

F487-88(2006) Specification for Fine Aluminum–1 % Silicon Wire for Semiconductor Lead-Bonding, **10.04**

F488 Withdrawn 2004; Test Method for On-Site Screening of Heterotrophic Bacteria in Water

F489 Withdrawn 2005; Test Method for Using a James Machine

F490 Withdrawn 1992; Method for Microscopical Sizing and Counting Particles on Membrane Filters Using Image Shear

F491 Withdrawn 2002; Specification for Poly(Vinylidene Fluoride) (PVDF) Plastic-Lined Ferrous Metal Pipe and Fittings

F492 Withdrawn 2004: Specification for Propylene and Polypropylene (PP) Plastic-Lined Ferrous Metal Pipe and Fittings

F493-04 Specification for Solvent Cements for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe and Fittings, **08.04**

F494-05 Test Methods for Evaluating Primary Disposable Bag Integrity for Vacuum Cleaners, **15.08**

F495-99a(2004) Test Method for Weight Loss of Gasket Materials Upon Exposure to Elevated Temperatures, **09.02**

F496-08 Specification for In-Service Care of Insulating Gloves and Sleeves, **10.03**

F497-00(2009) Practice for Use of the Electric and Electronic Typewriter as a Test Instrument, **15.09**

F498-77(2006) Test Method for Center Spring Constant and Spring Constant Balance of Alpine Skis, **15.07**

F499 Withdrawn 1992; Practice for Installation of Wood Underlayment and Preparation of the Surface to Receive Resilient Flooring

F500 Withdrawn 1993; Specification for Self-Curing Acrylic Resins Used in Neurosurgery

F501 Withdrawn 1998; Test Method for Aerospace Materials Response to Flame, With Vertical Test Specimen (for Aerospace Vehicles Standard Conditions)

F502-08 Test Method for Effects of Cleaning and Chemical Maintenance Materials on Painted Aircraft Surfaces, **15.03**

F503 Withdrawn 1988; Recommended Practice for Preparing Aircraft Cleaning Compounds, Liquid-Pipe, for Storage Stability Testing; Replaced by F1104, F1105

F504-05 Test Method for Measuring the Quasi-Static Release Moments of Alpine Ski Bindings, **15.07**

F505-87(2006) Practice for Comparative Evaluation of Imaging Properties of Liquid Electrostatic Toners, **15.09**

F506 Withdrawn 2002; Practice for Assessing the Quality of Direct-Image Paper Offset Masters

F507 Withdrawn 1994; Practice for Mounting Wedged Beamsplitters to Maintain a Laser Beam Parallel to a Reference Surface

F508 Withdrawn 2008; Practice for Specifying Thick-Film Pastes

F509-86(2009) Practice for Testing One-Time Carbonizing Tissue for Pinholes, **15.09**

F510-93(2008) Test Method for Resistance to Abrasion of Resilient Floor Coverings Using an Abrader with a Grit Feed Method, **15.04**

F511-04 Test Method for Quality of Cut (Joint Tightness) of Resilient Floor Tile, **15.04**

F512-06 Specification for Smooth-Wall Poly(Vinyl Chloride) (PVC) Conduit and Fittings for Underground Installation, **08.04**

F513-00(2007) Safety Specification for Eye and Face Protective Equipment for Hockey Players, **15.07**

F514 Not Assigned

F515 Withdrawn 1984; Specification for Polished Monocrystalline Silicon Slices

F516 Withdrawn 1988; Method for Laboratory Test for Force and Moment Properties of Passenger Car Tires

F517 Withdrawn 1994; Practice for Aligning a Visible Beam from a Continuous-Wave Laser at a Desired Distance from a Reference Surface

F518 Withdrawn 1996; Practice for Determining Effective Adhesion of Photoresist to Hard-Surface Photomask Blanks and Semiconductor Wafers During Etching

F519-08 Test Method for Mechanical Hydrogen Embrittlement Evaluation of Plating/Coating Processes and Service Environments, **15.03**

F520-10 Test Method for Environmental Resistance of Aerospace Transparencies to Artificially Induced Exposures, **15.03**

F521-83(2010) Test Methods for Bond Integrity of Transparent Laminates, **15.03**

F522 Withdrawn 1998; Test Method for Stacking Fault Density of Epitaxial Layers of Silicon by Interference-Contrast Microscopy; Replaced by F1810

F523 Withdrawn 2003; Practice for Unaided Visual Inspection of Polished Silicon Wafer Surfaces

F524 Withdrawn 2001; Tentative Test Methods for Measuring Beam Divergence of Pulsed Lasers by the Apertured-Detector Technique

F525 Withdrawn 2003; Test Method for Measuring Resistivity of Silicon Wafers Using a Spreading Resistance Probe

F526-97(2003) Test Method for Measuring Dose for Use in Linear Accelerator Pulsed Radiation Effects Tests, **10.04**

F527 Withdrawn 1996; Practice for Adjusting Photoresist Exposure Time

F528-99(2005) Test Method of Measurement of Common-Emitter DC Current Gain of Junction Transistors, **10.04**

F529 Withdrawn 1994; Test Method for Interpretation of Interferograms of Nominally Plane Wavefronts

F530 Withdrawn 1994; Test Method for Wavefront Distortion of Laser Rods

F531 Withdrawn 1994; Test Methods for Wavefront Distortion and Face Parallelism of Laser Disks

F532 Withdrawn 1994; Test Methods for Measuring Width of Defects in Optical Surfaces, Using Nomarski Differential Microscopy
F533 Withdrawn 2003; Test Method for Thickness and Thickness Variation of Silicon Wafers
F534 Withdrawn 2003; Test Method for Bow of Silicon Slices
F535 Withdrawn 1985; Specification for Electrical Performance Characteristics of Vacuum Cleaners
F536 Withdrawn 2004; Test Method for Size of Resilient Floor Tile by Dial Gage Method
F537-01(2007) Specification for Design, Fabrication, and Installation of Fences Constructed of Wood and Related Materials, **01.06**
F538-09 Terminology Relating to the Characteristics and Performance of Tires, **09.02**
F539-01(2007) Practice for Fitting Athletic Footwear, **15.07**
F540 Withdrawn 2004; Test Method for Squareness of Resilient Floor Tile by Gage Method
F541-04$^{\varepsilon 1}$ Specification for Alloy Steels Eyebolts, **01.08**
F542-07 Test Method for Exothermic Temperature of Encapsulating Compounds for Electronic and Microelectronic Encapsulation, **10.02**
F543-07$^{\varepsilon 1}$ Specification and Test Methods for Metallic Medical Bone Screws, **13.01**
F544 Withdrawn 1998; Reference Chart for Pictorial Cortical Bone Screw Classification
F545 Withdrawn 2001; Specification for PVC and ABS Injected Solvent Cemented Plastic Pipe Joints
F546 Withdrawn 2002; Specification forPerfluoro (Ethylene-Propylene) Copolymer (FEP) Plastic-Lined Ferrous Metal Pipe and Fittings
F547-06 Terminology of Nails for Use with Wood and Wood-Base Materials, **01.08**
F548-09 Test Method for Intensity of Scratches on Aerospace Transparent Plastics, **15.03**
F549-85(2004) Terminology Relating to Carbonless Copy Products, **15.09**
F550 Withdrawn 2002; Test Method for Lithographic Properties of Imaging Materials
F551 Withdrawn 2009; Practice for Using a 67.23-in. (1.707-m) Diameter Laboratory Test Roadwheel in Testing Tires
F551/F551M-09a Practice for Using a 1.707-m 67.23-in. Diameter Laboratory Test Roadwheel in Testing Tires, **09.02**
F552-02(2008) Terminology Relating to Chain Link Fencing, **01.06**
F553 Withdrawn 1998; Test Method for Carbon Paper and Carbon Film Durability
F554 Withdrawn 1988; Test Method for Wet Cornering Traction of Tires Using Over-the-Road Tire Tester
F555-01(2006) Test Method for Motor Life Evaluation of an Upright Vacuum Cleaner, **15.08**
F556-88(2006) Test Method for Curl of Carbonless Copy Papers, **15.09**
F557 Withdrawn 1986; Test Method for Relative Work for Straight-Line Movement of Cleaners While Cleaning Carpets
F558-06 Test Method for Measuring Air Performance Characteristics of Vacuum Cleaners, **15.08**
F559-05 Test Method for Measuring Length of Road Test Courses Using a Fifth Wheel, **09.02**
F560-08 Specification for Unalloyed Tantalum for Surgical Implant Applications (UNS R05200, UNS R05400), **13.01**
F561-05a Practice for Retrieval and Analysis of Medical Devices, and Associated Tissues and Fluids, **13.01**
F562-07 Specification for Wrought 35Cobalt-35Nickel-20Chromium-10Molybdenum Alloy for Surgical Implant Applications (UNS R30035), **13.01**
F563 Withdrawn 2005; Specification for Wrought Cobalt -20Nickel-3.5 Molybdenum-3.5Tungsten-5Iron Alloy for Surgical Implant Applications (UNS R30563)
F564-02(2006)$^{\varepsilon 1}$ Specification and Test Methods for Metallic Bone Staples, **13.01**
F565-04(2009)$^{\varepsilon 1}$ Practice for Care and Handling of Orthopedic Implants and Instruments, **13.01**
F566 Not Assigned
F567-07 Practice for Installation of Chain-Link Fence, **01.06**
F568M-07 Specification for Carbon and Alloy Steel Externally Threaded Metric Fasteners, **01.08**
F569 Withdrawn 1989; Test Method for Filterability Index of Reagent-Grade Water and High-Purity Waters for Microelectronic Device Processing
F570 Withdrawn 1995; Test Methods for Transistor Collector-Emitter Saturation Voltage
F571-87(2008) Practice for Installation of Exit Devices in Security Areas, **15.08**
F572 Withdrawn 2001; Practice for Application of Film Security Cameras in Financial Institutions
F573 Withdrawn 1993; Specification for Residential Zinc-Coated Steel Chain-Link Fence Fabric
F574 Withdrawn 1996; Test Method for Evaluation of Polysilicon; Replaced by F1723
F575 Withdrawn 1982; Classification for Particle Concentration in Liquids
F576 Withdrawn 2003; Test Method for Measurement of Insulator Thickness and Refractive Index on Silicon Substrates by Ellipsometry
F577-03(2009) Test Method for Particle Size Measurement of Dry Toners, **15.09**
F578 Withdrawn 1994; Test Method for Lasing Threshold and Slope Efficiency of Neodymium-Doped Laser Rods
F579 Withdrawn 1994; Test Method for Face Flatness By Optical Non-Contact Technique
F580 Withdrawn 1996; Test Method for Adhesion Strength of Bondable Films to Substrates in Ribbon-Wire Bonds
F581 Withdrawn 1996; Practice for Accelerated Agiing of Photoresist
F582 Withdrawn 1996; Practice for Preparation of Photoresist for Analysis of Inorganic Contaminants
F583 Withdrawn 1996; Test Method for Photoresist Cleanness—Filterability
F584-06$^{\varepsilon 1}$ Practice for Visual Inspection of Semiconductor Lead-Bonding Wire, **10.04**
F585-94(2007) Practice for Insertion of Flexible Polyethylene Pipe Into Existing Sewers, **08.04**
F586 Withdrawn 1998; Test Method for Leak Rates Versus y Stresses and m Factors for Gaskets
F587 Withdrawn 1995; Practice for Sampling Ground Meat in Blenders
F588-07 Test Methods for Measuring the Forced Entry Resistance of Window Assemblies, Excluding Glazing Impact, **04.12**
F589-06 Consumer Safety Specification for Non-Powder Guns, **15.11**
F590-05 Consumer Safety Specification for Non-Powder Gun Projectiles and Propellants, **15.11**
F591 Withdrawn 1989; Practice for Using the Computer Impact Print-Out Unit as a Test Instrument
F592-84(2006) Terminology of Collated and Cohered Fasteners and Their Application Tools, **01.08**
F593-02(2008) Specification for Stainless Steel Bolts, Hex Cap Screws, and Studs, **01.08**
F594-08 Specification for Stainless Steel Nuts, **01.08**
F595-01(2005) Test Methods for Vacuum Cleaner Hose—Durability and Reliability (All-Plastic Hose), **15.08**
F596-09 Practice for Comparative Evaluation of the Imaging Properties of Dry Electrostatic Toners, **15.09**
F597-83(2008) Practice for Evaluation of One-Time Carbon Paper in Carbon-Interleaved Business Forms by Use of an Electric Typewriter, **15.09**
F598-00(2009) Practice for Determining the Resistance of Carbonless Papers to Capsular Damage, **15.09**
F599 Specification for Withdrawn 2004: Specification for Poly(Vinylidene Chloride) (PVDC) Plastic-Lined Ferrous Metal Pipe and Fittings
F600 Withdrawn 1991; Practice for Nondestructive Testing Ultrasonic Evaluation of Socket and Butt Joints of Thermoplastic Piping
F601-03(2008) Practice for Fluorescent Penetrant Inspection of Metallic Surgical Implants, **13.01**
F602-09 Criteria for Implantable Thermoset Epoxy Plastics, **13.01**
F603 Withdrawn 2009; Specification for High-Purity Dense Aluminum Oxide for Medical Application
F604 Withdrawn 2001; Specification for Silicone Elastomers Used in Medical Applications
F605-88(2006) Practice for Determining Compatibility of One-Time Carbon Paper with Carbonless Copy Papers When Interleaved into the Same Manifold Set, **15.09**
F606-07 Test Methods for Determining the Mechanical Properties of Externally and Internally Threaded Fasteners, Washers, Direct Tension Indicators, and Rivets, **01.08**
F606M-07$^{\varepsilon 1}$ Test Methods for Determining the Mechanical Properties of Externally and Internally Threaded Fasteners, Washers, and Rivets (Metric), **01.08**
F607-03(2008) Test Method for Adhesion of Gasket Materials to Metal Surfaces, **09.02**
F608-09 Test Method for Evaluation of Carpet Embedded Dirt Removal Effectiveness of Household/Commercial Vacuum Cleaners, **15.08**
F609-05 Test Method for Using a Horizontal Pull Slipmeter (HPS), **15.07**
F610/F610M-00a(2009) Test Method for Evaluating the Quality of Molded Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings by the Heat Reversion Technique, **08.04**
F611 Withdrawn 1994; Test Method for Wavefront Distortion of Nominally Plane Optical Elements Due to Refractive Index Inhomogeneity
F612 Withdrawn 1993; Practice for Cleaning Surfaces of Polished Silicon Slices
F613 Withdrawn 2001; Test Method for Measuring Diameter of Semiconductor Wafers
F614 Withdrawn 1996; Test Method for Distortion of Optical Lenses Used in Photomask Fabrication
F615 Withdrawn 1995; Replaced by F615M
F615M-95(2008) Practice for Determining Safe Current Pulse-Operating Regions for Metallization on Semiconductor Components (Metric), **10.04**
F616M Withdrawn 2009; Test Method for Measuring MOSFET Drain Leakage Current [Metric]
F617 Withdrawn 2006; Test Method for Measuring MOSFET Linear Threshold Voltage
F618 Withdrawn 1985; Method for Measuring MOSFET Saturated Threshold Voltage
F619-03(2008) Practice for Extraction of Medical Plastics, **13.01**
F620-06 Specification for Alpha Plus Beta Titanium Alloy Forgings for Surgical Implants, **13.01**
F621-08 Specification for Stainless Steel Forgings for Surgical Implants, **13.01**
F622-79(2002) Specification for Preformed Cranioplasty Plates That Can Be Altered, **13.01**
F623-99(2006) Performance Specification for Foley Catheter, **13.01**
F624-09 Guide for Evaluation of Thermoplastic Polyurethane Solids and Solutions for Biomedical Applications, **13.01**
F625-94(2006) Practice for Classifying Water Bodies for Spill Control Systems, **11.05**

F626-08 Specification for Fence Fittings, **01.06**
F627-99(2008) Practice for Testing Flake of Single-Strike Film Typewriter Ribbons, **15.09**
F628-08 Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe With a Cellular Core, **08.04**
F629-02(2007)$^{\varepsilon 1}$ Practice for Radiography of Cast Metallic Surgical Implants, **13.01**
F630 Withdrawn 1988; Specification for Safety Consideration for Household Vacuum Cleaners
F631-99(2008) Guide for Collecting Skimmer Performance Data in Controlled Environments, **11.05**
F632 Withdrawn 1995; Test Method for Measuring Small-Signal Common Emitter Current Gain of Transistors at High Frequencies
F633 Withdrawn 1988; Practice for Use of the High-Speed Printer as a Test Instrument for Carbon Paper; Replaced by F1175
F634 Withdrawn 1986; Practice for Measurement of the Coating Transfer Resistance of Mechanical Carbonless CB Paper
F635 Withdrawn 1996; Guide for Selection of Tests for Material Properties of Liquid Thermoset Encapsulating Compounds for Electronic and Microelectronic Encapsulation
F636 Withdrawn 1996; Guide for Selection of Tests for Material Properties of Transfer Molding Compounds for Electronic and Microelectronic Encapsulation
F637 Withdrawn 2006; Specification for Format, Physical Properties, and Test Methods for 19 and 35 mm Testable Tape Carrier for Perimeter Tape Carrier-Bonded Semiconductor Devices
F638 Withdrawn 2006; Specification for Fine Aluminum—1 % Magnesium Wire for Semiconductor Lead-Bonding
F639-09 Specification for Polyethylene Plastics for Medical Applications, **13.01**
F640-07 Test Methods for Determining Radiopacity for Medical Use, **13.01**
F641-09 Specification for Implantable Epoxy Electronic Encapsulants, **13.01**
F642 Withdrawn 1995; Specification for Stainless Steel Flexible Wire for Surgical Fixations for Soft Tissue
F643 Withdrawn 1993; Specification for Wrought Cobalt-Chromium Alloy Flexible Wire for Surgical Fixations for Soft Tissue; Replaced by F1091
F644 Withdrawn 1993; Specification for Wrought Cobalt-Chromium Alloy Flexible Wire for Surgical Fixations for Bone; Replaced by F1091
F645-04 Guide for Selection, Design, and Installation of Thermoplastic Water-Pressure Piping Systems, **08.04**
F646 Not Assigned
F647-94(2006) Practice for Evaluating and Specifying Implantable Shunt Assemblies for Neurosurgical Application, **13.01**
F648-07$^{\varepsilon 1}$ Specification for Ultra-High-Molecular-Weight Polyethylene Powder and Fabricated Form for Surgical Implants, **13.01**
F649 Withdrawn 2007; Practice for Secondary Calibration of Airborne Particle Counter Using Comparison Procedures
F650 Withdrawn 1990; Practice for Determining Relative Bias of Two Particle Counters Using Comparison Procedures
F651 Withdrawn 1988; Method for Particle Counter Single-Point Calibration by the Median Method
F652 Withdrawn 1992; Methods for Measuring Mica Stampings or Substitutes Used in Electron Devices and Lamps
F653 Withdrawn 2002; Test Method for Evaluation of Electrostatic Masters
F654-07 Specification for Residential Chain Link Fence Gates, **01.06**
F655-06 Specification for Test Carpets and Pads for Vacuum Cleaner Testing, **15.08**
F656-08 Specification for Primers for Use in Solvent Cement Joints of Poly(Vinyl Chloride) (PVC) Plastic Pipe and Fittings, **08.04**
F657 Withdrawn 2003; Test Method for Measuring Warp and Total Thickness Variation on Silicon Wafers by Noncontact Scanning
F658 Withdrawn 2007; Practice for Calibration of a Liquid-Borne Particle Counter Using an Optical System Based Upon Light Extinction
F659-10 Specification for Ski and Snowboard Goggles, **15.07**
F660-83(2007) Practice for Comparing Particle Size in the Use of Alternative Types of Particle Counters, **11.01**
F661 Withdrawn 2000; Practice for Particle Count and Size Distribution Measurement in Batch Samples for Filter Evaluation Using an Optical Particle Counter
F662 Withdrawn 2002; Test Method for Measurement of Particle Count and Size Distribution in Batch Samples for Filter Evaluation Using an Electrical Resistance Particle Counter
F663 Withdrawn 1994; Practice for Manual Analysis of Interferometric Data by Least-Squares Fitting to a Plane Reference Surface
F664 Withdrawn 1994; Practice for Manual Analysis of Interferometric Data by Least-Squares Fitting Spherical Reference Surface & Computer-Aided Analysis by Least-Squares Fitting to Both Plane/Spherical Reference Surfaces
F665-09 Classification for Vinyl Chloride Plastics Used in Biomedical Application, **13.01**
F666 Withdrawn 1993; Specification for Stainless Steel Flexible Wire for Surgical Fixation for Bone; Replaced by F1350
F667-06 Specification for Large Diameter Corrugated Polyethylene Pipe and Fittings, **08.04**
F668-07 Specification for Polyvinyl Chloride (PVC) and Other Organic Polymer-Coated Steel Chain-Link Fence Fabric, **01.06**
F669 Withdrawn 1995; Specification for Strength Requirements of Metal Posts and Rails for Industrial Chain Link Fence; Replaced by F1043
F670-02(2007) Specification for Tanks, 5 and 10-Gal (20 and 40-L) Lube Oil Dispensing, **01.07**
F671 Withdrawn 2003; Test Method for Measuring Flat Length on Wafers of Silicon and Other Electronic Materials
F672 Withdrawn 2003; Test Method for Measuring Resistivity Profiles Perpendicular to the Surface of a Silicon Wafer Using a Spreading Resistance Probe
F673 Withdrawn 2003; Test Methods for Measuring Resistivity of Semiconductor Slices or Sheet Resistance of Semiconductor Films with a Noncontact Eddy-Current Gage
F674 Withdrawn 2003; Practice for Preparing Silicon for Spreading Resistance Measurements
F675 Withdrawn 1995; Test Method for Measuring Nonequilibrium Transient Photocurrents in p-n Junctions
F676 Withdrawn 2009; Test Method for Measuring Unsaturated TTL Sink Current
F677-04(2009) Test Method for Fluid and Grease Resistance of Thermoset Encapsulating Compounds Used in Electronic and Microelectronic Applications, **10.02**
F678 Withdrawn 1989; Specification for Polyethylene Gas Pressure Pipe Tubing and Fittings; Replaced by D2513
F679-08 Specification for Poly(Vinyl Chloride) (PVC) Large-Diameter Plastic Gravity Sewer Pipe and Fittings, **08.04**
F680-80(2007) Test Methods for Nails, **01.08**
F681-82(2008) Practice for Use of Branch Connections, **01.07**
F682-82a(2008) Specification for Wrought Carbon Steel Sleeve-Type Pipe Couplings, **01.07**
F683-08 Practice for Selection and Application of Thermal Insulation for Piping and Machinery, **01.07**
F684 Not Assigned
F685-96(2006) Practice for Determining Toner Usage, Efficiency, and Dusting Nonheat Fixing Copiers Using Single-Component Toner Systems, **15.09**
F686-94(2006) Practice for Evaluation of Image Quality Produced by Carbonless Copy Paper with an Electric or Electronic Typewriter, **15.09**
F687 Withdrawn 1988; Practice for On-Site Calibration of Liquid-Borne Automatic Particle Counters With Adjustable Individual Size Thresholds
F688-05 Specification for Wrought Cobalt-35Nickel-20Chromium-10Molybdenum Alloy Plate, Sheet, and Foil for Surgical Implants (UNS R30035), **13.01**
F689-97(2004) Practice for Determination of the Temperature of Above-Ground Plastic Gas Pressure Pipe Within Metallic Casings, **08.04**
F690-86(2003)$^{\varepsilon 2}$ Practice for Underground Installation of Thermoplastic Pressure Piping Irrigation Systems, **08.04**
F691 Withdrawn 1996; Practice for Preparing Photoplates for Measuring Flatness Deviation
F692 Withdrawn 2008; Test Method for Measuring Adhesion Strength of Solderable Films to Substrates
F693-01(2007) Practice for Sealing Seams of Resilient Sheet Flooring Products by Use of Liquid Seam Sealers, **15.04**
F694 Withdrawn 2008; Test Method for Heel-Attaching Strength of Women's Shoes; Replaced by F2232
F695-01(2009) Practice for Ranking of Test Data Obtained for Measurement of Slip Resistance of Footwear Sole, Heel, and Related Materials, **15.07**
F696-06 Specification for Leather Protectors for Rubber Insulating Gloves and Mittens, **10.03**
F697-00(2006) Practice for Care and Use of Athletic Mouth Protectors, **15.07**
F698 Withdrawn 2009; Specification for Physical Information to be Provided for Amusement Rides and Devices
F699 Withdrawn 2005; Practice for Accelerated Conditioning of Polybutylene Pipe and Tubing for Subsequent Quality Control Testing
F700-93(2008) Practice for Care and Handling of Intracranial Aneurysm Clips and Instruments, **13.01**
F701-81(2008) Practice for Care and Handling of Neurosurgical Implants and Instruments, **13.01**
F702-98a(2003) Specification for Polysulfone Resin for Medical Applications, **13.01**
F703-07 Specification for Implantable Breast Prostheses, **13.01**
F704-81(2009) Practice for Selecting Bolting Lengths for Piping System Flanged Joints, **01.07**
F705 Not Assigned
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F712-06 Test Methods for Electrically Insulating Plastic Guard Equipment for Protection of Workers, **10.03**
F713 Not Assigned
F714-08 Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Outside Diameter, **08.04**
F715-07 Test Methods for Coated Fabrics Used for Oil Spill Control and Storage, **11.05**
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F717-89(2006) Specification for Football Helmets, **15.07**
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F746-04(2009)$^{\varepsilon 1}$ Test Method for Pitting or Crevice Corrosion of Metallic Surgical Implant Materials, **13.01**
F747-06 Terminology Relating to Amusement Rides and Devices, **15.07**
F748-06 Practice for Selecting Generic Biological Test Methods for Materials and Devices, **13.01**
F749-98(2007)$^{\varepsilon 1}$ Practice for Evaluating Material Extracts by Intracutaneous Injection in the Rabbit, **13.01**
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F790-08 Guide for Testing Materials for Aerospace Plastic Transparent Enclosures, **15.03**
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F792-08 Practice for Evaluating the Imaging Performance of Security X-Ray Systems, **15.08**
F793-10 Classification of Wall Covering by Use Characteristics, **15.11**
F794-03 Specification for Poly(Vinyl Chloride) (PVC) Profile Gravity Sewer Pipe and Fittings Based on Controlled Inside Diameter, **08.04**
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F810-07 Specification for Smoothwall Polyethylene (PE) Pipe for Use in Drainage and Waste Disposal Absorption Fields, **08.04**
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F831 Withdrawn 1991; Test Method for Determining Net Protein Ratio for Meat and Meat Products
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F835-04$^{\varepsilon 1}$ Specification for Alloy Steel Socket Button and Flat Countersunk Head Cap Screws, **01.08**
F835M-04 Specification for Alloy Steel Socket Button and Flat Countersunk Head Cap Screws [Metric], **01.08**
F836M-02 Specification for Style 1 Stainless Steel Metric Nuts, **01.08**
F837-08 Specification for Stainless Steel Socket Head Cap Screws, **01.08**
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F853-05 Practice for Maintenance Procedures for Amusement Rides and Devices, **15.07**
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F855-09 Specifications for Temporary Protective Grounds to Be Used on De-energized Electric Power Lines and Equipment, **10.03**
F856-97(2008) Practice for Mechanical Symbols, Shipboard—Heating, Ventilation, and Air Conditioning (HVAC), **01.07**
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F858-07 Specification for Hot Water Sanitizing Commercial Dishwashing Machines, Single Tank, Conveyor Rack Type, **15.12**
F859-09 Specification for Heat-Sanitizing Commercial Dishwashing Machines, Multiple Tank, Conveyor Rack Type, **15.12**
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F869-01(2007) Terminology Relating to Athletic Shoes and Biomechanics, **15.07**
F870-94(2005) Practice for Tread Footprints of Passenger Car Tires Groove Area Fraction and Dimensional Measurements, **09.02**
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F875-09 Test Method for Evaluation of Large Area Density and Background on Office Copiers, **15.09**
F876-09 Specification for Crosslinked Polyethylene (PEX) Tubing, **08.04**
F877-07 Specification for Crosslinked Polyethylene (PEX) Plastic Hot- and Cold-Water Distribution Systems, **08.04**
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F880-02(2008) Specification for Stainless Steel Socket-Set Screws, **01.08**
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F891-09 Specification for Coextruded Poly(Vinyl Chloride) (PVC) Plastic Pipe With a Cellular Core, **08.04**
F892 Withdrawn 2001; Specification for Polyethylene (PE) Corrugated Pipe with a Smooth Interior and Fitting
F893-10 Guide for Auditing Amusement Rides and Devices, **15.07**
F894-07 Specification for Polyethylene (PE) Large Diameter Profile Wall Sewer and Drain Pipe, **08.04**
F895-84(2006) Test Method for Agar Diffusion Cell Culture Screening for Cytotoxicity, **13.01**
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F905-04 Practice for Qualification of Polyethylene Saddle-Fused Joints, **08.04**
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F909-94a(2006) Terminology Relating to Printers, **15.09**
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F912-04$^{\varepsilon 1}$ Specification for Alloy Steel Socket Set Screws, **01.08**
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Aerial Personnel Devices Without Supplemental Load Handling Attachments, **10.03**

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F922-01(2006) Test Method for Motor Life Evaluation of an Electric Motorized Nozzle, **15.08**

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F934-96(2008) Specification for Standard Colors for Polymer-Coated Chain Link Fence Materials, **01.06**

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F953-08 Specification for Commercial Dishwashing Machines (Stationary Rack, Dump Type) Chemical Sanitizing, **15.12**

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F955-07 Test Method for Evaluating Heat Transfer through Materials for Protective Clothing Upon Contact with Molten Substances, **11.03**

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F960 Withdrawn 2003; Specification for Medical and Surgical Suction and Drainage Systems; Replaced by F2221, F2222, F2265

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F963-08 Consumer Safety Specification for Toy Safety, **15.11**

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F967-03 Practice for Security Engineering Symbols, **15.08**

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G23 Withdrawn 2000; Practice for Operating Light-Exposure Apparatus (Carbon-Arc Type) With and Without Water for Exposure of Nonmetallic Materials; Replaced by G152, G153

G24-05 Practice for Conducting Exposures to Daylight Filtered Through Glass, **14.04**

G25 Withdrawn 1980; Recommended Practice for Operating Enclosed Carbon Arc Type Apparatus for Light Exposure of Nonmetallic Materials; Replaced by G23

G26 Withdrawn 2000; Practice for Operating Light-Exposure Apparatus (Xenon-Arc Type) With and Without Water for Exposure of Nonmetallic Materials; Replaced by G155

G27 Withdrawn 1980; Recommended Practice for Operating Xenon Arc Type Apparatus for Light Exposure of Nonmetallic Materials; Replaced by G26

G28-02(2008) Test Methods for Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, **03.02**

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G34-01(2007) Test Method for Exfoliation Corrosion Susceptibility in 2XXX and 7XXX Series Aluminum Alloys (EXCO Test), **03.02**

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G43 Withdrawn 1987; Method of Acidified Synthetic Sea Water (Fog) Testing; Replaced by G85

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G45 Withdrawn 1981; Recommended Practice for Specifying Limits for Fading and Discoloration of Nonmetallic Materials

G46-94(2005) Guide for Examination and Evaluation of Pitting Corrosion, **03.02**

G47-98(2004) Test Method for Determining Susceptibility to Stress-Corrosion Cracking of 2XXX and 7XXX Aluminum Alloy Products, **03.02**

G48-03(2009) Test Methods for Pitting and Crevice Corrosion Resistance of Stainless Steels and Related Alloys by Use of Ferric Chloride Solution, **03.02**

G49-85(2005) Practice for Preparation and Use of Direct Tension Stress-Corrosion Test Specimens, **03.02**

G50-76(2003) Practice for Conducting Atmospheric Corrosion Tests on Metals, **03.02**

G51-95(2005) Test Method for Measuring pH of Soil for Use in Corrosion Testing, **03.02**

G52-00(2006) Practice for Exposing and Evaluating Metals and Alloys in Surface Seawater, **03.02**

G53 Withdrawn 2000; Practice for Operating Light- and Water-Exposure Apparatus (Fluorescent UV-Condensation Type) for Exposure of Nonmetallic Materials; Replaced by G154

G54 Withdrawn 2002; Practice for Simple Static Oxidation Testing

G55-07 Test Method for Evaluating Pipeline Coating Patch Materials, **06.02**

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G69-97(2009) Test Method for Measurement of Corrosion Potentials of Aluminum Alloys, **03.02**

G70-07 Test Method for Ring Bendability of Pipeline Coatings (Squeeze Test), **06.02**

G71-81(2009) Guide for Conducting and Evaluating Galvanic Corrosion Tests in Electrolytes, **03.02**

G72/G72M-09 Test Method for Autogenous Ignition Temperature of Liquids and Solids in a High-Pressure Oxygen-Enriched Environment, **14.04**

G73-10 Test Method for Liquid Impingement Erosion Using Rotating Apparatus, **03.02**

G74-08 Test Method for Ignition Sensitivity of Materials to Gaseous Fluid Impact, **14.04**

G75-07 Test Method for Determination of Slurry Abrasivity (Miller Number) and Slurry Abrasion Response of Materials (SAR Number), **03.02**

G76-07 Test Method for Conducting Erosion Tests by Solid Particle Impingement Using Gas Jets, **03.02**

G77-05(2010) Test Method for Ranking Resistance of Materials to Sliding Wear Using Block-on-Ring Wear Test, **03.02**

G78-01(2007) Guide for Crevice Corrosion Testing of Iron-Base and Nickel-Base Stainless Alloys in Seawater and Other Chloride-Containing Aqueous Environments, **03.02**

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G80-07 Test Method for Specific Cathodic Disbonding of Pipeline Coatings, **06.02**

G81-97a(2007) Test Method for Jaw Crusher Gouging Abrasion Test, **03.02**

G82-98(2009) Guide for Development and Use of a Galvanic Series for Predicting Galvanic Corrosion Performance, **03.02**

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G84-89(2005) Practice for Measurement of Time-of-Wetness on Surfaces Exposed to Wetting Conditions as in Atmospheric Corrosion Testing, **03.02**

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G87-02(2007) Practice for Conducting Moist SO_2 Tests, **03.02**

G88-05 Guide for Designing Systems for Oxygen Service, **14.04**

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G90-05 Practice for Performing Accelerated Outdoor Weathering of Nonmetallic Materials Using Concentrated Natural Sunlight, **14.04**
G91-97(2004) Practice for Monitoring Atmospheric SO_2 Using the Sulfation Plate Technique, **03.02**
G92-86(2003) Practice for Characterization of Atmospheric Test Sites, **03.02**
G93-03$^{\varepsilon 1}$ Practice for Cleaning Methods and Cleanliness Levels for Material and Equipment Used in Oxygen-Enriched Environments, **14.04**
G94-05 Guide for Evaluating Metals for Oxygen Service, **14.04**
G95-07 Test Method for Cathodic Disbondment Test of Pipeline Coatings (Attached Cell Method), **06.02**
G96-90(2008) Guide for Online Monitoring of Corrosion in Plant Equipment (Electrical and Electrochemical Methods), **03.02**
G97-97(2007) Test Method for Laboratory Evaluation of Magnesium Sacrificial Anode Test Specimens for Underground Applications, **03.02**
G98-02(2009) Test Method for Galling Resistance of Materials, **03.02**
G99-05(2010) Test Method for Wear Testing with a Pin-on-Disk Apparatus, **03.02**
G100-89(2010)$^{\varepsilon 1}$ Test Method for Conducting Cyclic Galvanostaircase Polarization, **03.02**
G101-04(2010) Guide for Estimating the Atmospheric Corrosion Resistance of Low-Alloy Steels, **03.02**
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G103-97(2005) Practice for Evaluating Stress-Corrosion Cracking Resistance of Low Copper 7XXX Series Al-Zn-Mg-Cu Alloys in Boiling 6 % Sodium Chloride Solution, **03.02**
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G105-02(2007) Test Method for Conducting Wet Sand/Rubber Wheel Abrasion Tests, **03.02**
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G112-92(2009) Guide for Conducting Exfoliation Corrosion Tests in Aluminum Alloys, **03.02**
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G115-04 Guide for Measuring and Reporting Friction Coefficients, **03.02**
G116-99(2010) Practice for Conducting Wire-on-Bolt Test for Atmospheric Galvanic Corrosion, **03.02**
G117-02(2007) Guide for Calculating and Reporting Measures of Precision Using Data from Interlaboratory Wear or Erosion Tests, **03.02**
G118-02(2007) Guide for Recommended Format of Wear Test Data Suitable for Databases, **03.02**
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G120-01(2008) Practice for Determination of Soluble Residual Contamination by Soxhlet Extraction, **14.04**
G121-98(2004) Practice for Preparation of Contaminated Test Coupons for the Evaluation of Cleaning Agents, **14.04**
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G127-95(2008) Guide for Selection of Cleaning Agents for Oxygen Systems, **14.04**
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G130-06 Test Method for Calibration of Narrow- and Broad-Band Ultraviolet Radiometers Using a Spectroradiometer, **14.04**
G131-96(2008) Practice for Cleaning of Materials and Components by Ultrasonic Techniques, **14.04**
G132-96(2007) Test Method for Pin Abrasion Testing, **03.02**
G133-05(2010) Test Method for Linearly Reciprocating Ball-on-Flat Sliding Wear, **03.02**
G134-95(2006) Test Method for Erosion of Solid Materials by a Cavitating Liquid Jet, **03.02**
G135-95(2007) Guide for Computerized Exchange of Corrosion Data for Metals, **03.02**
G136-03(2009) Practice for Determination of Soluble Residual Contaminants in Materials by Ultrasonic Extraction, **14.04**
G137-97(2009) Test Method for Ranking Resistance of Plastic Materials to Sliding Wear Using a Block-On-Ring Configuration, **03.02**
G138-06 Test Method for Calibration of a Spectroradiometer Using a Standard Source of Irradiance, **14.04**
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G146-01(2007) Practice for Evaluation of Disbonding of Bimetallic Stainless Alloy/Steel Plate for Use in High-Pressure, High-Temperature Refinery Hydrogen Service, **03.02**
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G148-97(2003) Practice for Evaluation of Hydrogen Uptake, Permeation, and Transport in Metals by an Electrochemical Technique, **03.02**
G149 Withdrawn 2004; Practice for Conducting the Washer Test for Atmospheric Galvanic Corrosion
G150-99(2010) Test Method for Electrochemical Critical Pitting Temperature Testing of Stainless Steels, **03.02**
G151-10 Practice for Exposing Nonmetallic Materials in Accelerated Test Devices that Use Laboratory Light Sources, **14.04**
G152-06 Practice for Operating Open Flame Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials, **14.04**
G153-04 Practice for Operating Enclosed Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials, **14.04**
G154-06 Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials, **14.04**
G155-05a Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials, **14.04**
G156-09 Practice for Selecting and Characterizing Weathering Reference Materials, **14.04**
G157-98(2005) Guide for Evaluating Corrosion Properties of Wrought Iron- and Nickel-Based Corrosion Resistant Alloys for Chemical Process Industries, **03.02**
G158-98(2010) Guide for Three Methods of Assessing Buried Steel Tanks, **03.02**
G159 Withdrawn 2005; Test Method for Evaluation of Stress Crack Resistance of Polyolefin Geomembranes Using Notched Constant Tensile Load Test; Replaced by G175
G160-03(2009) Practice for Evaluating Microbial Susceptibility of Nonmetallic Materials By Laboratory Soil Burial, **14.04**
G161-00(2006) Guide for Corrosion-Related Failure Analysis, **03.02**
G162-99(2010) Practice for Conducting and Evaluating Laboratory Corrosion Tests in Soils, **03.02**
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G165-99(2005) Practice for Determining Rail-to-Earth Resistance, **03.02**
G166-00(2005) Guide for Statistical Analysis of Service Life Data, **14.04**
G167-05 Test Method for Calibration of a Pyranometer Using a Pyrheliometer, **14.04**
G168-00(2006) Practice for Making and Using Precracked Double Beam Stress Corrosion Specimens, **03.02**
G169-01(2008)$^{\varepsilon 1}$ Guide for Application of Basic Statistical Methods to Weathering Tests, **14.04**
G170-06 Guide for Evaluating and Qualifying Oilfield and Refinery Corrosion Inhibitors in the Laboratory, **03.02**
G171-03(2009)$^{\varepsilon 2}$ Test Method for Scratch Hardness of Materials Using a Diamond Stylus, **03.02**
G172-03 Guide for Statistical Analysis of Accelerated Service Life Data, **14.04**
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G175-03 Test Method for Evaluating the Ignition Sensitivity and Fault Tolerance of Oxygen Regulators Used for Medical and Emergency Applications, **14.04**
G176-03(2009) Test Method for Ranking Resistance of Plastics to Sliding Wear Using Block-on-Ring Wear Test—Cumulative Wear Method, **03.02**
G177-03(2008)$^{\varepsilon 1}$ Tables for Reference Solar Ultraviolet Spectral Distributions: Hemispherical on 37° Tilted Surface, **14.04**

G178-09 Practice for Determining the Activation Spectrum of a Material (Wavelength Sensitivity to an Exposure Source) Using the Sharp Cut-On Filter or Spectrographic Technique, **14.04**
G179-04 Specification for Metal Black Panel and White Panel Temperature Devices for Natural Weathering Tests, **14.04**
G180-07 Test Method for Initial Screening of Corrosion Inhibiting Admixtures for Steel in Concrete, **03.02**
G181-04(2009) Practice for Conducting Friction Tests of Piston Ring and Cylinder Liner Materials Under Lubricated Conditions, **03.02**
G182-06 Test Method for Determination of the Breakaway Friction Characteristics of Rolling Element Bearings, **03.02**
G183-05 Practice for Field Use of Pyranometers, Pyrheliometers and UV Radiometers, **14.04**
G184-06 Practice for Evaluating and Qualifying Oilfield and Refinery Corrosion Inhibitors using the Rotating cage, **03.02**
G185-06 Practice for Evaluating and Qualifying Oilfield and Refinery Corrosion Inhibitors using the Rotating Cylinder Electrode, **03.02**
G186-05 Test Method for Determining Whether Gas-Leak-Detector Fluid Solutions Can Cause Stress Corrosion Cracking of Brass Alloys, **03.02**
G187-05 Test Method for Measurement of Soil Resistivity Using the Two-Electrode Soil Box Method, **03.02**
G188-05 Specification for Leak Detector Solutions Intended for Use on Brasses and Other Copper Alloys, **03.02**
G189-07 Guide for Laboratory Simulation of Corrosion Under Insulation, **03.02**
G190-06 Guide for Developing and Selecting Wear Tests, **03.02**
G192-08 Test Method for Determining the Crevice Repassivation Potential of Corrosion-Resistant Alloys Using a Potentiodynamic-Galvanostatic-Potentiostatic Technique, **03.02**
G193-10a Terminology and Acronyms Relating to Corrosion, **03.02**
G194-08 Test Method for Measuring Rolling Friction Characteristics of a Spherical Shape on a Flat Horizontal Plane, **03.02**
G195-08 Guide for Conducting Wear Tests Using a Rotary Platform, Double-Head Abraser, **03.02**
G196-08 Test Method for Galling Resistance of Material Couples, **03.02**
G197-08 Table for Reference Solar Spectral Distributions: Direct and Diffuse on 20° Tilted and Vertical Surfaces, **14.04**
G199-09 Guide for Electrochemical Noise Measurement, **03.02**
G200-09 Test Method for Measurement of Oxidation-Reduction Potential (ORP) of Soil, **03.02**
G201-09 Practice for Conducting Exposures in Outdoor Glass-Covered Exposure Apparatus with Air Circulation, **14.04**
G202-09 Test Method for Using Atmospheric Pressure Rotating Cage, **03.02**
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P. PROPOSALS

P101 Withdrawn 1988; Proposed Method of Measuring Energy-Conserving Quality of Engine Oils in Vehicles (D-2 Proposal)
P102 Withdrawn 1988; Proposed Classification of Energy-Conserving Engine Oils (D-2 Proposal)
P103 Withdrawn 1985; Proposed Precautionary Statements (D-2 Proposal)
P104 Withdrawn 1988; Proposed Specification for Gasohol (D-2 Proposal)
P105 Withdrawn 1987; Proposed Method for Laboratory Measurement of Sound Reflection from Vertical Surfaces for Use in Open-Plan Spaces (E-33 Proposal)
P106 Withdrawn 1988; Proposed Test Method for Apparent Viscosity of Engine Oils Between -30° C and -5° C Using the Cold Cranking Simulator (D-2 Proposal)
P107 Withdrawn 1986; Proposed Test Method for Grindability of Subbituminous and Lignitic Coals Using the Hardgrove Machine (D-5 Proposal)
P108 Withdrawn 1987; Proposed Test Method for Determining the Fire Performance of Public Ground Transportation Seat Assemblies (E-5 Proposal)
P110 Withdrawn 1988; Proposed Guide to Assist in the Defining, Procuring, Installing, and Implementing of a Computerized Hospital Pharmacy System (E-31 Proposal)
P111 Withdrawn 1988; Proposed Test Method for Determination of Pseudomonas Aeruginosa in Water by Membrane Filtration (D-19 Proposal
P112 Withdrawn 1987; Proposed Test Method for Interstitial Oxygen Content of Silicon Slices by Computer-Assisted Infrared Spectrophotometry (F-1 Proposal)
P113 Withdrawn 1985; Proposed Test Method for Thallium in Water by Voltammetry (D-19 Proposal)
P114 Withdrawn 1985; Proposed Test Method for Copper in Water by Voltammetry (D-19 Proposal)
P115 Not Assigned
P116 Withdrawn 1986; Proposed Test Method for Cyclohexylamine (D-19 Proposal)
P117 Withdrawn 1985; Proposed Test Method for Nickel and Vanadium in Waterborne Oils (D-19 Proposal)
P118 Not Assigned
P119 Withdrawn 1984; Proposed Test Method for Tarnish Resistance of Electrical Contacts to "Flowers of Sulfur" Atmospheres (B-4 Proposal)
P120 Withdrawn 1985; Proposed Method for Determination of Ethylene Oxide in Workplace Atmospheres (Charcoal Tube Methodology) (D-22 Proposal); Redesignated D4413
P121 Withdrawn 1984; Proposed Method for Optical Emission Spectrometric Analysis of Refined Copper (E-2 Proposal)
P122 Withdrawn 1985; Proposed Test Method for Moisture and Noncombustibles of RDF-3 Macrosamples (E-38 Proposal)
P123 Withdrawn 1985; Proposed Test Method for Total Moisture in RDF-3 Samples (E-38 Proposal)
P124 Withdrawn 1984; Proposed Specification for Pine Oil Disinfectant (D-12 Proposal)
P125 Withdrawn 1987; Proposed Test Method for Static and Dynamic Coefficient of Friction of Polish-Coated Floor Surfaces, as Measured by the Horizontal Slip Tester (D-21 Proposal)
P126 Withdrawn 1987; Proposed Test Method for Static Coefficient of Friction of Polish-Coated Floor Surfaces, as Measured by NBS-Brungraber Articulated Arm Tester (D-21 Proposal)
P127 Withdrawn 1987; Proposed Test Method for Dynamic Coefficient of Friction of Polish-Coated Floor Surfaces, as Measured by NBS-Sigler Pendulum Impact Tester (D-21 Proposal)
P128 Withdrawn 1987; Proposed Test Method for Static and Dynamic Coefficient of Friction of Polish-Coated Floor Surfaces, as Measured by the Topaka Slip Tester (D-21 Proposal)
P129 Withdrawn 1984; Proposed Specification for Concrete Cleaner, Flush-Off Type (D-12 Proposal)
P130 Withdrawn 1986; Proposed Practice for Selection of Release Torque Value for Ski Bindings; Replaced by F939 (F-8 Proposal)
P131 Withdrawn 1987; Proposed Method for Selection of Release Torque Values of Ski Bindings (F-8 Proposal)
P138 Redesignated E1065; Proposed Practice for Evaluating the Characterisitics of Ultrasonic Search Units (E-7 Proposal)
P139 Withdrawn 1985; Proposed Method for Chemical Analysis of Magnesium–Analysis for Manganese and Zinc (E-3 Proposal)
P140 Withdrawn 1985; Proposed Method of Testing Flat Disposable (Consumable) Hot Top Boards and Risers for Metallic Ingots and Castings (C-8 Proposal)
P141 Withdrawn 1983; Proposed Test Method for Organic Halides in Water by Carbon Adsorption-Microcoulometric Detection (D-19 Proposal)
P142 Withdrawn 1986; Proposed Practice for Calculating Heat Losses Through Furnace Walls (C-8 Proposal)
P143 Withdrawn 1985; Proposed Methods of Testing Exothermic Refractory Covering Powders for Metallic Ingots and Castings (C-8 Proposal)
P144 Withdrawn 1986; Proposed Method for Eye Irritation in Albino Rabbits (E-5 Proposal)
P145 Withdrawn 1986; Proposed Practice for Detection and Evaluation of Discontinuities by the Immersed Pulse-Echo Ultrasonic Method Using Longitudinal Waves (E-7 Proposal)
P146 Withdrawn 1986; Proposed Practice for Evaluating the Electronic Characteristics of Sections of Pulse-Echo Ultrasonic Inspection Instruments (E-7 Proposal)
P147 Withdrawn 1986; Proposed Room Fire Test of Wall and Ceiling Materials and Assemblies (E-5 Proposal)
P148 Withdrawn 1987; Proposed Test Method for Fluorides in Workplace Atmospheres (D-22 Proposal)
P149 Withdrawn 1986; Proposed Test Method for Phosphate Esters in Water (D-19 Proposal)
P150 Redesignated E997; Proposed Method for Structural Performance of Glass in Exterior Windows, Curtain Walls, and Doors Under the Influence of Uniform Static Loads, by Destructive Method (E-6 Proposal)
P152 Withdrawn 1987; Proposed Operational Guide for Direct Current Plasma Emission Spectrometry Analysis (E-3 Proposal); Replaced by E1097
P153 Redesignated C1026; Proposed Method for Measuring Frost Resistance of Ceramic Tile (C-21 Proposal)
P154 Redesignated C1027; Proposed Test Method to Determine Visible Abrasion Resistance of Glazed Ceramic Tile (C-21 Proposal)
P155 Redesignated C1028; Proposed Method for Evaluating the Static Coefficient of Friction of Ceramic Tile, Terrazo, and Other Like Surfaces, by the Dynamometer Pull Meter Method (C-21 Proposal)
P156 Withdrawn 1989; Proposed Guide for Shredder Explosion Protection (E-38 Proposal)
P159 Withdrawn 1986; Proposed Method for Rheological Measurements of Bitumens by Vacuum Capillary Viscometer (D-4 Proposal)
P160 Withdrawn 1986; Proposed Test Method for Viscosity of Asphalt Emulsion Residues and Non-Newtonian Bitumens by Vacuum Capillary Viscometer ((D-4 Proposal)
P161 Withdrawn 1986; Proposed Test Method for Benzidene and 3,3' Bidichlorobenzidene in Water by High Performance Liquid Chromatography (D-19 Proposal)
P162 Withdrawn 1986; Proposed Method of Quantification for Petroleum Oil in Water (D-19 Proposal)
P163 Withdrawn 1986; Proposed Test Method for Hydrocarbons in Tissue Samples (D-19 Proposal)
P164 Withdrawn 1985; Proposed Test Method for Simultaneous Detection and Enumeration of Total and Respiring Bacteria in Aquatic Systems Using Acridine Orange in Formazan Reduction Technique (D-19 Proposal)
P165 Withdrawn 1985; Proposed Test Method for Enumeration of Aquatic Bacteria by the Use of Acridine Orange Epifluorescence Direct Microscopic Counting (D-19 Proposal)
P166 Withdrawn 1987; Proposed Practice for Sampling and Inspection of Complete Alpine Boot Binding Systems in Rental Applications (F-27 Proposal)
P167 Withdrawn 1987; Proposed Test Method for Boiling Range Distribution of Crude Petroleum by Gas Chromatography (D-2 Proposal)
P168 Withdrawn 1988; Proposed Guide for Estimating the Incompatibility of Selected Hazardous Wastes Based on Binary Chemical Reactions (D-34 Proposal)
P169 Withdrawn 1989; Proposed Test Method for Determining a Correction Factor for Bitumen Retained by Aggregate Following a Bitumen Extraction Test (D-4 Proposal)
P170 Withdrawn 1988; Proposed Specification for Denatured Fuel Ethanol to be Blended With Gasolines for Use as an Automotive Spark-Ignition Engine Fuel (D-2 Proposal)
P171 Withdrawn 1988; Proposed Guide for Preparation of Biological Samples for Inorganic Chemical Analysis (D-19 Proposal)
P172 Withdrawn 1989; Proposed Specification for Electronic Grade Water (D-19 Proposal)
P173 Withdrawn 1988; Proposed Method for Comparison of Waterborne Petroleum Oils by Silhouette Profile Fluorescence Spectroscopy (D-19 Proposal)
P174 Withdrawn 1988; Proposed Test Method for Nitrite-Nitrate in Water (D-19 Proposal)
P175 Not Assigned
P176 Withdrawn 1988; Proposed Specification for Automotive Spark-Ignition Engine Fuel (D-2 Proposal)
P177 Withdrawn 1990; Proposed Test Method for On-Line Monoitoring of Electrical Conductivity to Determine Anions and Carbon Dioxide in High-Purity Water (D-19 Proposal); Replaced by D4519
P178 Withdrawn 1988; Proposed Test Method for Measurement of Yield Stress and Apparent Viscosity of Engine Oils at Low Temperature (D-2 Proposal)
P179 Withdrawn 1988; Proposed Method for Comparison of Waterborne Petroleum Oils by Low-Temperature Luminescence (D-19 Proposal)
P180 Withdrawn 1988; Proposed Test Method for Heating Performance and Emissions of Residential Wood-Fired Closed Combustion-Chamber Heating Appliances (D-22 Proposal)
P181 Withdrawn 1988; Proposed Test Method for Chlorine in Workplace Atmospheres (D-22 Proposal)
P182 Withdrawn 1988; Proposed Method for Determination of Benzene Soluble Particulate Matter in Workplace Atmospheres (D-22 Proposal)
P183 Withdrawn 1988; Proposed Test Method for Determination of 2,4-Toluene Diisocyanate (2,4-TD) in Workplace Atmospheres (D-22 Proposal)
P184 Withdrawn 1988; Proposed Method for Chemical Analysis of Ferrosilicon and Silicon Metal (E-3 Proposal)
P185 Withdrawn 1988; Proposed Test Method for Determination of the Ignition Resistance of Stacking Chairs (E-5 Proposal)
P186 Withdrawn 1989; Proposed Method for Random Vibration Testing of Shipping Containers (D-10 Proposal)

P187 Withdrawn 1988; Proposed Method for Determination of Oxygen in Steel and in Iron, Nickel, and Cobalt Alloys (E-3 Proposal)
P188 Withdrawn 1988; Proposed Method of Test for Short Rod Fracture Toughness of Cemented Carbides (B-9 Proposal)
P189 Withdrawn 1988; Proposed Specification for Encapsulants for Friable Asbestos-Containing Building Materials (E-6 Proposal)
P190 Withdrawn 1988; Proposed Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter (E-5 Proposal)
P191 Withdrawn 1988; Proposed Test Method for Determining Effects of Large Hydrocarbon Pool Fires on Structural Members and Assemblies (E-5 Proposal)
P192 Withdrawn 1988; Proposed Test Method for Degradation of Fine Aggregate Due to Attrition (C-9 Proposal)
P193 Withdrawn 1988; Proposed Specification for Ski Binding Test Devices (F-27 Proposal)
P194 Withdrawn 1988; Proposed Method of Verification of Ski Binding Test Devices (F-27 Proposal)
P195 Withdrawn 1989; Proposed Method for Chemical Analysis of Copper-Bismuth/Antimony/Arsenic/Tellurium/Lead/Iron/Selenium by Lanthanum Collection and Direct Current Argon Plasma Optical Emission Spectroscopy (E-1 Proposal)
P196 Withdrawn 1989; Proposed Method for Distillation of Heavy Oils and Crudes (Vacuum Potstill Method) (D-2 Proposal)
P197 Withdrawn 1988; Proposed Test Method for Interstitial Oxygen Content of Silicon Slices Polished on Both Sides by Computer-Assisted Infrared Spectrophotometry (E-1 Proposal)
P198 Withdrawn 1989; Proposed Test Method for Evaluating the Effectiveness of Materials for Curing Concrete (C-9 Proposal)
P199 Withdrawn 1990; Proposed Terminology for Nondestructive Examinations (E-7 Proposal); Redesignated E1316
P200 Withdrawn 1990; Proposed Test Method for Compression Testing of Cemented Carbides (B-9 Proposal)
P201 Withdrawn 1990; Proposed Test Method for Light Scattering Determination of Particle Size of Sediments in Aqueous Suspension (D-19 Proposal)
P202 Withdrawn 1990; Proposed Test Method for Iodide in Water (D-19 Proposal)
P203 Withdrawn 1990; Proposed Methods for Determination of Selenium in Refined Copper by Direct Current Argon Plasma Spectroscopy (E-3 Proposal)
P204 Withdrawn 1990; Proposed Methods for Determination of Iron, Lead, Nickel, Silver, and Tin in Refined Copper by Direct Current Argon Plasma Optical Emission Spectroscopy (E-1 Proposal)
P205 Withdrawn 1990; Proposed Classification for Energy Conserving Engine Oils (D-2 Proposal)
P206 Withdrawn 1989; Proposed Test Method for Determination of Tungsten in Ferrotungsten by the Cinchonine Gravimetric Method (E-1 Proposal)
P207 Withdrawn 1989; Proposed Guide for Precision and Bias Statements in Test Method Standards (C-26 Proposal)
P208 Withdrawn 1989; Proposed Test Method for Workplace Sampling and Analysis of Welding Fumes for Chromium (D-22 Proposal)
P209 Withdrawn 1989; Proposed Test Method for Sampling and Analysis of Nitrogen Dioxide Content of the Atmosphere (Diffusion Tube Methodology) (D-22 Proposal)
P210 Withdrawn 1991; Proposed Test Method for Evaluating Energy Conserving Gear Oils in Passenger Car and Light Truck Service (D-2 Proposal)
P211 Withdrawn 1990; Proposed Terminology Relating to Biomass Fuels (E-48 Proposal)
P212 Withdrawn 1992; Proposed Test Method for Sequence VE Test Procedure (D-2 Proposal)
P213 Withdrawn 1991; Proposed Test Method for Photoluminescence Analysis of Single Crystal Silicon for III-V Impurities; Replaced by F1392 (F-1 Proposal)
P214 Withdrawn 1992; Proposed Test Method for Accelerated Detection of Potentially Deleterious Expansion of Mortar Bars Due to Alkali-Silicon Reaction (C-9 Proposal)
P215 Withdrawn 1993; Proposed Test Method for Polychlorinated Biphenyls (PCBs) in Water by Gas Chromatography/Mass Spectrometry (D-19 Proposal)
P216 Withdrawn 1993; Proposed Test Method for Formaldehyde in Water (D-19 Proposal)
P217 Withdrawn 1993; Proposed Test Method for Total Tetra Through Octachloro Dibenzo-p-Dioxins and Dibenzofurans in Water (D-19 Proposal)
P218 Withdrawn 1993; Proposed Test Method for the Determination of Semi-Volatile Organic Compounds in Water by Gas Chromatography/Mass Spectrometry (D-19 Proposal)
P219 Withdrawn 1993; Proposed Test Method for 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) and 2,3,7,8-Tetrachlorodibenzofurans (TCDF) in Water (D-19 Proposal)
P220 Withdrawn 1992; Proposed Test Method for Determination of Ethylene Oxide in Workplace Atmospheres (HBr) Derivatization Method (D-22 Proposal)
P221 Withdrawn 1993; Proposed Specification for Colored Rigid Poly(Vinyl Chloride) (PVC) Exterior-Profile Extrusions Used for Assembled Windows and Doors (D-20 Proposal)
P222 Withdrawn 1993; Proposed Test Method for Sulfur Dioxide in Workplace Atmospheres (D-22 Proposal)
P223 Withdrawn 1993; Proposed Specification for Colored Rigid Poly(Vinyl Chloride)(PVC) Siding (D-20 Proposal)
P224 Withdrawn 1992; Proposed Test Method for Determining the Net Carrier Density on Bulk and Epitaxial Silicon Wafers by Using a Mercury Probe F-1 Proposal)
P225 Withdrawn 1992; Proposed Test Method for Substitutional Atomic Carbon Content of Silicon by Infrared Absorption; Replaced by F1391 (F-1 Proposal)
P226 Withdrawn 1993; Proposed Test Methods for Bituminous Materials in Tension (D-4 Proposal)
P227 Withdrawn 1993; Proposed Practice for Evaluation Criteria of Hydraulic Cement Testing Laboratories (C-1 Proposal); Replaced by C1222
P228 Withdrawn 1994; Proposed Test Methods for pH Measurement of Water of Low Conductivity; Replaced by D5464 (D-19 Proposal)
P229 Withdrawn 1994; Proposed Test Method for Giardia Cysts and *Cryptosporidium* Oocysts in Low-Turbidity Water by a Fluorescent Antibody Procedure (D-19 Proposal)
P230 Withdrawn 1994; Proposed Test Method for Measurement of Occupational Exposure to Formaldehyde (Passive Sampler Methodology) (D-22 Proposal)
P231 Withdrawn 1993; Proposed Test Method for N-Methylcarbamoyloximes/N-Methylcarbamates in Water by Direct Aqueous Injection Liquid Chromatography (HPLC) with Post Column Derivatization; Replaced by D5315 (D-19 Proposal)
P232 Withdrawn 1995; Proposed Specification for Fuel Methanol (M85) for Automotive Spark-Ignition Engines (D-2 Proposal)
P233 Withdrawn 1995; Proposed Test Method for Compaction and Strength Properties of Graded Aggregate Using the Gyratory Testing Machine (GTM) (D-4 Proposal)
P235 Withdrawn 1995; Proposed Test Method for Fluorometric Determination of Toxicity-Induced Enzymatic Inhibition in Daphnia Magna
P236 Withdrawn 1995; Proposed Test Method for Asbestos–Containing Materials by Polarized Light Microscopy
P241 Withdrawn 1995; Proposed Test Method for Determination of Semi-Volatile Organic Compounds in Water by Gas Chromatography/Mass Spectrometry (GC/MS) (D-19 Proposal)
P242 Withdrawn 1995; Proposed Test Method for Adherent Fines Test; Replaced by D5711 (D-4 Proposal
P243 Withdrawn 1995; Proposed Test Method for Toughness and Tenacity of Bituminous Materials; Replaced by D5801 (D-4 Proposal)
P244 Withdrawn 1995; Proposed Practice for Rheological Measurements of Bitumens Using Dynamic Shear Rheometers (D-4 Proposal)
P245 Withdrawn 1996; Proposed Test Method for Determining the Flexural Creep Stiffness of AsphaltBinder Using the Bending Beam Rheometer (D-4 Proposal)
P246 Withdrawn 1996; Proposed Test Method for Determining the Rheological Properties of Asphalt Binder for Specification Purposes Using a Dynamic Shear Rheometer (DSR) (D-4 Proposal)
P248 Withdrawn 1997; Proposed Specification for Performance Graded Asphalt Binder (D-4 Proposal)
P249 Withdrawn 1997; Proposed Practice for Grading or Verifying the Performance Grade of an Asphalt Binder (D-4 Proposal)
P252 Withdrawn 1997; Proposed Test Method for Determining the Fracture Properties of Asphalt Binder in Direct Tension (DT) (D-4 Proposal)

PS. PROVISIONAL STANDARDS

PS1 Withdrawn 1997; Provisional Specification for Poly(Vinyl Chloride)(PVC) Sewer and Drain Pipe Containing Recycled PVC Material; Replaced by F1732

PS2 Withdrawn 1996; Provisional Standard Specification for Molding Plastics, Electrical, Thermoplastic

PS3 Withdrawn 1998; Provisional Guide for Accelerated Site Characterization for Confirmed or Suspected Petroleum Releases; Replaced by E1912

PS5 Withdrawn 1996; Provisional Standard Test Method for Static and Dynamic Spinal Implants Assembly in a Corpectomy Model

PS6 Withdrawn 1997; Provisional Standard Practice for Establishing Secured Creditor Exemption Under CERCLA

PS7 Withdrawn1996; Provisional Standard Specification for Iodotrifluoromethane, CF_3

PS8 Withdrawn 1998; Provisional Standard Specification for Poly(Vinyl Chloride)(PVC) Non-Pressure Plastic Pipe Having Reprocessed-Recycled Content; Replaced by F1760

PS9 Withdrawn 1996; Provisional Standard Test Method for Determination of Free Formaldehyde in Emulsion Polymers by Liquid Chromatography; Replaced by D5910

PS10 Withdrawn 2004; Provisional Specification for Manufactured Safety Vacuum Release Systems (SVRS) for Swimming Pools, Spas and Hot Tubs; Replaced by F2387

PS11 Withdrawn 1998; Provisional Practice for Environmental Regulatory Compliance Audits

PS12 Withdrawn 1998; Provisional Guide for Study and Evaluation of an Organization's Environmental Management Systems

PS13 Withdrawn 1997; Provisional Test Method for Performance Testing of Excess Flow Devices; Replaced by F1802

PS14 Withdrawn 1998; Provisional Practice for Life Cycle Costing for Pollution Prevention

PS15 Withdrawn 1996; Provisional Standard Specification for Molding Compounds, Thermosetting; Replaced by D5948

PS16 Withdrawn 1996; Provisional Standard Specification for Liquid Coating Encapsulation Products for Leaded Paint in Buildings; Replaced by F1795

PS18 Withdrawn 1995; Practice for Use of Qualitative Chemical Spot Test Kits for Detection of Lead in Dry Paint Films; Replaced by E1753

PS20 Withdrawn 1998; Provisional Specification for Corrugated Polyethylene (PE) Pipe and Fittings Made with Recycled (PE) Materials

PS23 Withdrawn 1997; Provisional Guide for Use of Coal Combustion Fly Ash in Structural Fills; Replaced by E1861

PS26 Withdrawn 1998; Provisional Guide for Development and Implementation of a Source Reduction Program

PS27 Withdrawn 1997; Provisional Standard Specification for Engineering and Design Criteria for Rigid Wall Relocatable Structures; Replaced by E1925

PS28 Withdrawn 1997; Provisional Test Method for Flow Consistency of Controlled Low Strength Material; Replaced by D6103

PS29 Withdrawn 1996; Provisional Test Method for Unit Weight, Yield, and Air Content (Gravimetric) of Controlled Low Strength Material; Replaced by D6023

PS30 Withdrawn 1996; Provisional Standard Practice for Sampling Freshly Mixed Controlled Low Strength Material; Replaced by D5971

PS31 Withdrawn 1997; Provisional Test Method for Ball Drop on Controlled Low Strength Material to Determine Suitability for Load Application; Replaced by D 6024

PS33 Withdrawn 1996; Provisional Guide for Selection and Use of Liquid Coating Encapsulation Products for Leaded Paint in Buildings; Replaced by E1796

PS34 Withdrawn 1996;Provisional Specification for Molded Polyethylene Shipping and Storage Drums; Replaced by D5998

PS35 Withdrawn 1997; Provisional Practice for Sampling Plans and Tables for Inspection by Attributes

PS36 Withdrawn 1998; Provisional Standard Practice for Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel (PAV); Replaced by D6521

PS37 Withdrawn 1996; Provisional Practice for Conducting Environmental Baseline Surveys; Replaced by D6008

PS38 Withdrawn 1997; Provisional Consumer Safety Specification for Toddler Beds; Replaced by F1821

PS39 Withdrawn 1996; Test Method for Determination of Volatile Organic Compound (VOC) Content of Electric Insulating Varnishes; Replaced by D6053

PS40 Withdrawn 1996; Provisional Guide for Using Indoor Carbon Dioxide Concentrations to Evaluate Indoor Air Quality ad Ventilation; Replaced by D6245

PS41 Withdrawn 1996;Provisional Specification for Reinforced Liquid Coating Encapsulation Products for Leaded Paint in Buildings; Replaced by E1797

PS42 Withdrawn 1999; Provisional Test Method for Metal Removal Fluid Aerosol in Workplace Atmospheres; Replaced by D6649

PS43 Withdrawn 1998; Provisional Guide for Safer Use of Movable Soccer Goals; Replaced by F1938

PS45 Withdrawn 1997; Evaluating Quality Systems of Organizations Engaged in Conducting Hazard Assessments to Determine the Presence/Extent of Lead in Paint/Dust/Airborne Particulate, and Soil in Buildings/Related Structures; Replaced by E1864

PS46 Withdrawn 1998; Provisional Practice for Collection of Surface Dust by Air Sampling Pump Vacuum Technique for Subsequent Lead Determination; Replaced by E1973

PS47 Withdrawn 1997; Provisional Test Method for Screening, Quantification, and Characterization of Total Polychlorinated Biphenyls by Room Temperature Phosphorescence

PS48 Withdrawn 1997; Provisional Test method for Oil and Grease (Solvent Extractable Substances) by Gravimetric Determination

PS49 Withdrawn 1999; Provisional Practice for Application of Class PB Exterior Insulation and Finish Systems; Replaced by C1397

PS50 Withdrawn 1998; Provisional Specification for Molded and Cast Nylon (PA) Rod, Tubes, Sheets, and Parts

PS52 Withdrawn 1998; Provisional Test Methods for Determination of Trace Elements in Coal, Coke and Combustion Residues From Coal Utilization Processes by Inductively Coupled Plasma Atomic Emission Spectrometry, Inductively Coupled Plasma Mass Spectrometry, and Graphite Furnace Atomic Absorption Spectrometry; Replaced by D6357

PS53 Withdrawn 1999; Provisional Guide for Identification and Management of Lead Hazards in Facilities; Replaced by E2052

PS55 Withdrawn 1998; Provisional Performance Requirements for Multipositional Plastic Chairs, with Adjustable Backs or Reclining Mechanisms, for Outdoor Use; Replaced by F1858

PS56 Withdrawn 2000; Provisional Test Method for Sealability of Gasket Materials

PS57 Withdrawn 1999; Provisional Test Method for Determining Ignitability of Clothing by the Electric Arc Exposure Method Using a Mannequin; Replaced by F1958

PS58 Withdrawn 1999; Provisional Test Method for Determining Arc Thermal Performance (Value) of Textile Materials for Clothing by Electric Arc Exposure Method Using Instrumented Sensor Panels; Replaced by F1959

PS59 Withdrawn 2005; Provisional Specification for Fire Safety for Candles

PS60 Withdrawn 1998; Provisional Specification for Drawstrings on Children's Upper Outerwear; Replaced by F1816

PS61 Withdrawn 1998; Provisional Guide for Prevention and Control of Lead-Based Paint Hazards in Rental Housing

PS62 Withdrawn 1999; Provisional Specification for Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers

PS63 Withdrawn 1998; Provisional Test Method for Tires, Pneumatic, Vehicular, Highway; Replaced by F1922

PS64 Withdrawn 1998; Provisional Guide for Developing Appropriate Statistical Approaches for Ground-Water Detection Monitoring Programs; Replaced by D6312

PS65 Withdrawn 1998; Provisional Specification for Shelter, Electrical Equipiment S-250/G; Replaced by E1974

PS66 Withdrawn 1998; Provisional Specification for Shelter, Electrical, Equipment S-280/G; Replaced by E1975

PS67 Withdrawn 1998; Provisional Specification for Shelter, Tactical, Nonexpandable; Replaced by E1976

PS68 Withdrawn 1998; Provisional Specification for Shelter, Tactical, Expandable, One-Side; Replaced by E1977

PS69 Withdrawn 1998; Provisional Specification for Shelter, Tactical, Expandable, Two-Side; Replaced by E1978

PS70 Withdrawn 2000; Provisional Test Method for Determination of Fracture Toughness of Advanced Ceramics at Ambient Temperatures; Replaced by C1421

PS72 Withdrawn 2001; Provisional Test Method for Evaluating the Tensile-Adhesion Performance of an Exterior Insulation and Finish System (EIFS); Replaced by E2134

PS74 Withdrawn 2000; Provisional Test Method for Oil and Grease (Solvent Extractable Substances) in Water by Gravimetric Determination

PS75 Withdrawn 2000; Provisional Standard Safety and Performance Specification for Soccer Goals; Replaced by F2056

PS77 Withdrawn 1998; Provisional Test Method for Human Repeat Insult Patch Testing of Medical Gloves; Replaced by D6355

PS78 Withdrawn 2000; Provisional Guide for Selecting Surface Geophysical Methods; Replaced by D6429

PS79 Withdrawn 1998; Provisional Test Method for Holding Strength of Prong-Ring Attached Snap Fasteners

PS80 Withdrawn 2000; Provisional Performance Specification for Fun Karts; Replaced by F2011

PS81 Withdrawn 2001; Provisional Test Method for Length Change of Mortar Bars Caused by Reaction Between Hydraulic Cement and Alkali-Reactive Aggregate

PS83 Withdrawn 1999; Provisional Specification for Determination of Accessability of Surface Systems Under and Around Playground Equipment; Replaced by F1951

PS84 Withdrawn 1998; Provisional Specification for Bean Bag Chairs; Replaced by F1912

PS85 Withdrawn 1998; Provisional Guide fir Expedited Site Characterization of Hazardous Waste Contaminated Sites; Replaced by D6235

PS86 Withdrawn 1998; Provisional Test Method for Tires, Pneumatic, Low Speed, Off Highway; Replaced by F1923

PS87 Withdrawn 1998; Provisional Practice for Ultrasonic Extraction of Paint, Dust, Soil, and Air Samples for Subsequent Determination of Lead; Replaced by E1979

PS88 Withdrawn 1999; Provisional Practice for Determination of Lead in Paint, Settled Dust, Soil and Air Particulate by Field-Portable Electroanalysis; Replaced by E2051

PS90 Withdrawn 1998; Provisional Test Methods for Asphalt Content of Hot Mix Asphalt by the Ignition Method; Replaced by D6307

PS91 Withdrawn 2003; Provisional Specification for Portable Gasoline and

Kerosine Spill-Resistant Fueling Systems for Consumer Use; Replaced by F2234

PS93 Withdrawn 2001; Provisioinal Specification for Fabricated Shapes and Finished Parts Fabricated From Polyimide Resins

PS94 Withdrawn 2001; Provisional Practice for Personal Sampling and Analysis of Endotoxin in Metal Removal Fluid Aerosols in Workplace Atmospheres; Replaced by E2144

PS95 Withdrawn 2000; Provisional Practice for Quality Systems for Conducting In Situ Measurements of Lead Content in Paint or Other Coatings Using Field-Portable X-Ray Fluorescence (XRF) Devices; Replaced by E2119

PS96 Withdrawn 1999; Provisional Performance Requirements for Plastic Chaise Lounges, With or Without Moving Arms, With Adjustable Backs, for Outdoor Use; Replaced by F1988

PS97 Withdrawn 1998; Provisional Guide for Consumer Recreational Use of Fun Karts; Replaced by F1928

PS100 Withdrawn 2000; Provisional Specification for Authentication of Healthcare Information Using Digital Signatures; Replaced by E2084

PS101 Withdrawn 2000; Provisional Guide on Security Framework for Healthcare Information; Replaced by E2085

PS102 Withdrawn 2000; Provisional Guide for Internet and Intranet Healthcare Security; Replaced by E2086

PS103 Withdrawn 1998; Provisional Guide for User Authentication and Authorization; Replaced by E1985

PS104 Withdrawn 2000; Provisional Guide for Risk Based Corrective Action; Replaced by E2081

PS105 Withdrawn 2003; Provisional Specification for Dedicated Short-Range Communication (DSRC) Data Link Layer

PS106 Withdrawn 2005; Provisional Standard Specifiation for Rods and Tubes of Polyethylene (PE)

PS107 Withdrawn 1998; Provisional Guide for Information Access Privileges to Health Information; Replaced by E1986

PS108 Withdrawn 1998; Provisional Guide for Individual Rights Regarding Health Information; Replaced by E1987

PS109 Withdrawn 1998; Provisional Guide for Training of Persons Who Have Access to Health Information; Replaced by E1988

PS110 Withdrawn 2000; Provisional Safety Specification for Chests, Door Chests, and Dressers; Replaced by F2057

PS111 Withdrawn 2000; Provisional Specification for Dedicated Short Range Communication (DSRC) Physical Layer Using Microwave in the 902 to 928 MHz Band; Replaced by E 2158

PS112 Withdrawn 2000; Provisional Safety Specification for Window Fall Prevention Devices for Non-Emergency Escape Egress and Rescue Ingress Windows; Replaced by F2006

PS114 Withdrawn 1999; Provisional Specification for Fire Suppression Towels; Replaced by F1989

PS115 Withdrawn 2001; Provisional Specification for Audit and Disclosure Logs for Use in Health Information Systems; Replaced by E2147

PS116 Withdrawn 2001; Provisional Practice for Performance Evaluation of the Portable X-Ray Fluorescence Spectrometer for the Measurement of Lead in Paint Films; Replaced by E2120

PS117 Withdrawn 2001; Provisional Specification for Portable Escape Ladder for Residential Use; Replaced by F2175

PS118 Withdrawn 2002; Provisional Test Method for Water-Extractable Chloride in Aggregate (Soxhlet Method); Replaced by C1524

PS119 Withdrawn 2003; Provisional Specification for Child-Resistant Portable Gasoline Containers for ConsumerUse

PS120 Withdrawn 2001; Provisional Specification for Window Fall Prevention Devices With Emergency Escape (Egress) Release Mechanisms; Replaced by F2090

PS121 Withdrawn 2002; Provisional Specification forBiodiesel Fuel (B100) Blend Stock for Distillate Fuels; Replaced by D6751

PS124 Withdrawn 2002; Provisional Test Method for Measuring Maximum Spontaneous Heating Temperature of Art Materials; Replaced by D6801

PS125 Withdrawn 2003; Provisional Consumer Safety Performance Specification for Diaper Changing Tables for Commercial Use

PS127 Withdrawn 2003; Provisional Test Method for Evaluating the Ignition Sensitivity and Fault Tolerance of Oxygen Regulators Used for Medical and Emergency Applications; Replaced by G175

PS128 Withdrawn 2003; Provisional Specifications for Pool Alarms; Replaced by F2208

PS129 Withdrawn; Provisional Test Method for Measurement of Permeability of Bituminous Paving Mixtures Using a Flexible Wall Permeameter

PS130 Withdrawn 2003; Provisional Consumer Safety Specification for Non-Powered Scooters; Replaced by F2264

PS131 Withdrawn 2003; Provisional Teset Method for Bulk Specific Gravity and Density of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method; Replaced by D6752

PS132 Withdrawn 2003; Provisional Test Method for Maximum Specific Gravity and Density of Bituminous Paving Mixtures Using Automatic Vacuum Sealing Method; Replaced by D6857

PS135 Withdrawn 2004; Provisional Specification for Labeling for Upright Brooms for Consumer and Institutional Use; Replaced by F2367

PS136-02 Withdrawn 2003; Provisional Test Method for Quantitative Extraction and Recovery of Asphalt Binder from Asphalt Mixtures; Replaced by D6857

PS137 Withdrawn 2004; Provisional Specification for Labeling for Wet Mops for Consumer and Institutional Use; Replaced by F2368

PS138 Withdrawn 2004; Provisional Specification for Shelter, Electrical Equipment, Lightweight; Replaced by E2377

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